



Missouri S&T Magazine, July-August 1953

Miner Alumni Association

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MSM ALUMNUS

Missouri School of Mines and Metallurgy
ROLLA, MO.

VOLUME 27

JULY-AUGUST :: 1953

NUMBER 4

1953 Homecoming Program

October 9

- 10.00 ----- Board of Directors Meeting in Rolla.
6:30 P.M. ----- Dutch Treat Dinner, Pine Room, Greyhound Bus Depot.

October 10

- 9:00 A.M. ----- Registration, Parker Hall.
10:45 ----- Homecoming Convocation, Auditorium, Parker Hall - Address of Welcome - Dean Curtis L. Wilson.
Convocation Address, H. S. Pence, '23.
12:30 P.M. ----- St. Louis Section Cocktail Party Meeting, Hotel Edwin Long.
2:30 ----- Football, Miner vs. Warrensburg State College.
7:00 ----- Homecoming Dinner, Hotel Edwin Long
9:00 ----- Homecoming Dance, Jackling Gym.
9:30 P.M. ----- Ark-La-Tex Subsection Cocktail Party, Pine Room, Greyhound Bus Depot.

Return to
Rolla
and visit
again
with your
classmates
and
friends.

Remember
the dates,
Oct. 9 & 10.
All Alumni
of MSM
are invited.

James B. McGrath '47, Chairman - Alumni Committee.

Leon Herskowitz, '47, Chairman - Faculty Committee.

MSM Receives \$1,445,000 Appropriation From State for 1953-1955 Biennium

MSM received a total of \$1,445,000 for salaries, additions and operations from the state in appropriations for the biennium 1953-55. This is \$351,000 less than the amount requested by the Board of Curators.

The Board requested a total of \$1,796,000 and a sub-committee of the House Appropriations Committee visited the campus and spent the day here with President Middlebush, Vice-President Cowan, Dean Wilson, and Business Manager Caldwell studying the needs of the school. They returned to Jefferson City and recommended that the request made by the Board of Curators be granted practically in full.

The legislature cut \$246,000 from the amount requested for salaries and \$85,000 from the amount requested for operations. They added \$30,000 to the amount requested for additions making a total of \$80,000 there instead of \$50,000. This amount was finally approved by the legislature. Broken down this provided \$1,000,000 for salaries, \$80,000 for additions, and \$415,000 for operations. Governor Donnelly, before approving the bill cut \$20,000 from salaries and \$30,000 from additions bringing the total down to \$1,445,000.

The Board of Curators pointed out to the legislature that the school would receive much less in student fees during the coming biennium than it had received during the past due to the fact that the large number of World War II veterans enrolled in the past biennium would not be enrolled during the coming biennium as practically all of these had graduated. The World War II veterans paid a substantially higher fee to the school than the veterans of the Korean War and strictly civilian students. The Board also pointed out that during the coming biennium there would be an increase in the enrollment of the school making necessary the employment of at least seven new teachers. It also expressed the hope of increasing salaries for the current faculty members pointing out the urgent demand for engineers throughout the country and the difficulty in retaining suitable faculty members

at the salary presently being paid.

The board also requested a total of \$20,000 for summer sessions and when this was not approved Dean Wilson was forced to omit the summer session from the calendar during the summer of 1953 as funds available would not permit the summer session.

Another request which the Board of Curators made was \$770,000 for an addition to the Engineering Laboratories Building and equipment to take care of the Electrical Engineering Department. This department has a large student enrollment and is badly cramped for space. It is the only department remaining that has not been given additional space since before World War II. The legislature did not provide funds for this building.

President Head Chairman Of Exploratory Group

Alumni President James L. Head '16, has been appointed Chairman of a five-man committee representing the five major engineering societies to explore the possibility of further expansion of Engineers Joint Council by the inclusion of regional, state, and local engineering groups and societies. This is a continuation of the recent work of a fifteen-man Exploratory Group as a result of which, membership in Engineers Joint Council was increased from five to eight national engineering societies. Mr. Head was a member of the Exploratory Group.

Join the Alumni Association
of your Alma Mater.

MSM ALUMNUS

Issued bi-monthly in the interest of the graduates and former students of the School of Mines and Metallurgy. Subscription price \$1.50, included in Alumni Dues. Entered as second-class matter Oct. 27, 1926, at Post Office at Rolla, Mo., under the Act of March 3, 1879.

School Aids in Four Research Projects

Four research projects are being carried out on the campus of M.S.M. during the summer months.

The Mechanical Engineering Department has a restricted contract with the Navy for research on rocket motors. Those who are working on the project are Dr. A. J. Miles, Chairman of the Mechanical Engineering Department; Professor E. C. Chase and graduate students Archie Culp of the Mechanical Engineering Department and Norbert Neumann of the Metallurgical Engineering Department.

The Metallurgical Engineering Department and the Physics Department have a contract with the Argon National Laboratory where they are making a study on the orientation in certain metal alloys which may be used in the operation of reactors. Those engaged on this project are Dr. Harold Q. Fuller, Professor of Physics; Krishan Kumar Tangri, a graduate student in the Metallurgical Engineering Department; with Dr. Daniel Eppelsheimer, Professor of Metallurgical Engineering, as a consultant.

The Chemical Engineering Department has a contract with the Atomic Energy Commission for the study of rapid gas phase sections. Those actively engaged on this study are Dr. Norman L. Smith, Dr. R. C. Peabody and O. K. Lay.

The Metallurgical Engineering Department is continuing for the second year a contract with the Air Force concerning research on the electro-deposition of titanium. The principal investigators are Dr. Martin Edward Straumanis, Professor H. R. Hanley, Professor Adolph Legsdin, Dr. T. M. Morris, Dr. C. B. Gill, Dr. W. H. Webb and S. T. Shih. Dr. A. W. Schlechten, Professor of Metallurgical Engineering, is the supervisor of the project.

Duchek-McBride

Miss Dorothy Jean McBride of New Orleans, Louisiana became the bride of Burton James Duchek '53 on April 8, 1953. He is employed with the Bendix Aviation Corporation at 400 South Bieger Street in Mishawaka, Indiana. Their home address will be 1606 Anderson Ave., South Bend, Ind.

Honorary Degree to Dr. F. A. Middlebush

Dr. Frederick A. Middlebush, president of the University of Missouri, received the honorary degree of Doctor of Laws Saturday afternoon, June 13, at the University of Michigan. He was cited as a leader who has "exercised a strong formative influence upon the educational destinies of America."

Dr. Middlebush, who received his A. B., A. M., and Ph. D. degrees from the University of Michigan, was one of nine recipients of honorary degrees.

In conferring the degree upon Dr. Middlebush, President Harlan Hatcher of the University of Michigan, read the following citation:

"Native of Grand Rapids, Michigan, supplementing his education at the University of Michigan by research abroad, he early achieved eminence in the field of political science. 'Proud of teaching one year in a country school,' he was in due time promoted from the deanship of the School of Business and Public Administration to the presidency of the University of Missouri. He has proved himself a leader of marked integrity, a stimulating thinker, a courageous explorer in the realms of education, an administrator gifted in the smooth coordination of the various judgments of men. Through steady purpose he has strengthened his institution and raised it into national leadership. As a member of the National Committee on Liberal Arts Colleges, of the Board of the Carnegie Foundation for the Advancement of Teaching, of the Executive Committee of the Association of Land-Grant Colleges and Universities, of the Board of Visitors of the United States Naval Academy at Annapolis, and as a director of other significant academic organizations, he has exercised a strong formative influence upon the educational destinies of America."

Dr. Middlebush will enter his twentieth year as head of the University of Missouri in September. He was appointed acting president in September, 1934, and became president July 1, 1935. He came to the University of Missouri in 1922.

Honored



DR. FREDERICK A. MIDDLEBUSH

Edward John Hollow

Edward John Hollow '52, died at his home on April 16, 1953 after a short illness. He had been employed with the Missouri State Highway Department as an Engineer for a number of years.

Join the Alumni Association
of your Alma Mater.

Washington Section

The Washington section of the Alumni Association held its second meeting on the evening of June 2, 1953. Approximately twenty grads were present at this meeting.

The major business of the evening was the election of officers which was held after a very enjoyable dinner at Naylor's Sea Food Restaurant. Officers elected during the meeting were as follows:

James H. Menefee, '36, President.

Edwin T. Myskowski, '41, Vice-President.

Richard Rydstrom, '32, Membership Chairman.

Joseph W. Fitzpatrick, '48, Secretary-Treasurer.

The group decided to hold the next meeting during the latter part of September. A dinner-dance will be the major attraction of this meeting providing interest exists.

The meeting was adjourned after the showing of two films. One film was shown through the courtesy of Barney Nuell, Los Angeles, and was of the 1952 Homecoming. The grads, few of whom had been at that event, seemed rather determined to attend the 1953 Homecoming.

Report of Alumni Membership

The Active Membership for nine months ending July 27, 1953 is 1,174 and the Junior Membership is 190 members, or a total of 1364.

A comparison of these figures with those of previous years is shown below:

YEAR	47-48	48-49	49-50	50-51	51-52	52-53 (July 27, 1953)
ACTIVE	965	802	913	826	861	1174
PAID						
JUNIOR	86	60	17	78	314	190
PREPAID						
ACTIVE	2	4	8	13	5	4
	1053	866	938	917	1180	1368

The present Active Membership is in excess of previous years as shown by the following figures:

209	372	261	348	313
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Come One, Come All to '53 Homecoming On MSM Campus Here October 9 and 10

Plans for the Homecoming for 1953 are now shaped up so the program may be considered as complete. The date has been set for October 9 and 10 in order to fit into the football schedule which provides a home game on October 10 with Warrensburg State College. This should be one of the good games of the season and a large attendance will amplify the spirit of the occasion.

Homecoming Registration will start Friday afternoon and continue through Saturday morning. An informal dutch treat dinner will be held Friday evening at 6:30 in the Pine Room of the Greyhound Bus Station. Saturday morning at 10:45 o'clock will be the annual homecoming convocation. Harry S. Pence, Executive Vice-President of the association, will be the Convocation speaker. This will be followed by the football game Saturday afternoon and the homecoming banquet Saturday night in the basement of the Edwin Long Hotel where it has been held for the past several years.

This covers the main homecoming program. There will be several side events. One of the principal ones will be the Thirtieth Anniversary of the Class of 1923. Neal Ham is promoting the homecoming for this class. Some of the fraternities are planning celebrations for their Fiftieth anniversary and other events. Vice President Pence suggests that Saturday evening should be set aside for the Alumni dinner and that the fraternity gatherings be held either Friday evening or Saturday at luncheon in order to eliminate the Saturday evening conflicts experienced in the past.

President Head asked that, in accordance with the consensus of the Board of Directors at their meeting held in June, the Alumni Association at Homecoming should insofar as possible support the policy of the Board of Curators by discouraging drinking by alumni directly or indirectly in and about campus facilities.

The homecoming celebration will end with the Alumni Dance in Jackling Gym on the evening of October 10.

The Alumni Homecoming Committee consists of James B. McGrath '47, Chairman, Fruin-Colton Contracting Company, 1706 Olive Street, St. Louis, Missouri; Milton H. Rau, Ex '36, Nooter Corporation, 1401 S. 2nd Street, St. Louis, Missouri; and William Wundrack '49, Sverdrup and Parcel, 1118 Syndicate Trust Building, St. Louis, Missouri. The Faculty Homecoming committee consists of Leon Hershkowitz '41, Chairman, C. J. Grimm '30, O. K. Lay '32, C. R. Remington '49, R. A. Schaefer '47, C. E. Shulze '47 and H. F. Thompson '50.

Following the Homecoming Banquet, F. H. Conley '27, President of the Ark-La-Tex Subsection of Shreveport, Louisiana, has arranged for his subsection to sponsor a social hour beginning at 9:30 p.m. in the Pine Room of the Greyhound Bus Depot. This will be an informal affair with the Alumni free to come and go as they see fit.

New Alumni Directory Now Being Compiled

The Alumni Office is now busily engaged in compiling a new Alumni Directory which is hoped will be ready for distribution at the Homecoming, October 9-10. President Head appointed an Alumni Committee consisting of H. R. Hanley '01, Paul Dowling '40, and H. S. Pence '23, to work with Noel Hubbard, the Registrar, in compiling the information for the directory.

One of the first things undertaken was a careful follow up and search for all of the lost members. Lost members are those members for whom good addresses were not available. This list has now been reduced down to approximately 5 per cent of the graduates. Many of these are older alumni who have been lost for many years and some are no doubt dead.

The committee hopes to have the material in the hands of the printer by September 1 and ready for distribution by October 1.

**Join the Alumni Association
of your Alma Mater.**

St. Louis Section

The May meeting of the St. Louis Section was held at the University Club and it was attended by a representative group from many classes. A new slate of officers was presented and they were introduced to the crowd. For the coming year, John P. Soult will serve as President.

Activities for the St. Louis Alumni will become interesting and enjoyable with John at the helm. Paul Prough has accepted the number two position and as First Vice President he will be able to give help to John Soult and also train for the top step for next year. Paul has moved to expanded quarters in St. Louis County. As Second Vice President, James B. McGrath moves up another notch. He has done a capable job as Treasurer of the St. Louis Section and will lend his weight to affairs during the coming year.

Joseph Mooney has accepted assignment of Treasurer. Joe engineers life insurance and his capabilities rest on their own merits. Joe volunteered to take on the re-juvenation of the paying-member roster and has built it to something greater than 160 people. Somehow, the chore of maintaining a sufficient group of paying members has been a difficult assignment.

With the start made by Joe, the St. Louis Section should soon be the largest in the country. Raymond T. Ruenheck will be Secretary for the current term and represents the later and younger group in St. Louis. He has a bit of work ahead to keep affairs in order and is qualified to do it.

Committee Chairmen have been chosen from the group of stalwart alumni who will accept an assignment whenever called on. They represent the backbone of the St. Louis Section around which activities have been conducted during the past years. It is anticipated that some of the younger group will be selected to fill in on committee work and later become key men. Prospects for the coming activities look excellent. Anyone interested and not yet reached by mail can call one of the St. Louis Section Officers for section information.

Chemical Engineering Building Completed

The new Chemical Engineering building has been completed during the past summer.

The new lecture room, the Physical-Chemistry laboratories and accessories; the freshman chemistry laboratories on the second floor, the instrumental laboratories, four stock rooms and offices will be in service for the beginning of the fall semester of 1953, according to Dr. W. T. Schrenk, Chairman of the Chemical Engineering Department. The remaining labs and offices will be equipped and put into service during the coming school year.

The large lecture room has a capacity for seating 256 students. It is equipped with a projection booth for both movie and slide projection. It has a lecture demonstration preparation room.

The physical chemistry labs will be moved into the new building this fall and will operate in well equipped modern laboratories specifically designed for that purpose. This laboratory should take care of physical chemistry until the enrollment again reaches large numbers Dr. Schrenk said.

Ark-La-Tex Section

The first regular meeting of the Ark-La-Tex Chapter of the MSM Alumni Association was held at the residence of F. H. Conley, '27, 6:30 p.m., June 27, 1953. Some forty-seven alumni and wives attended this meeting.

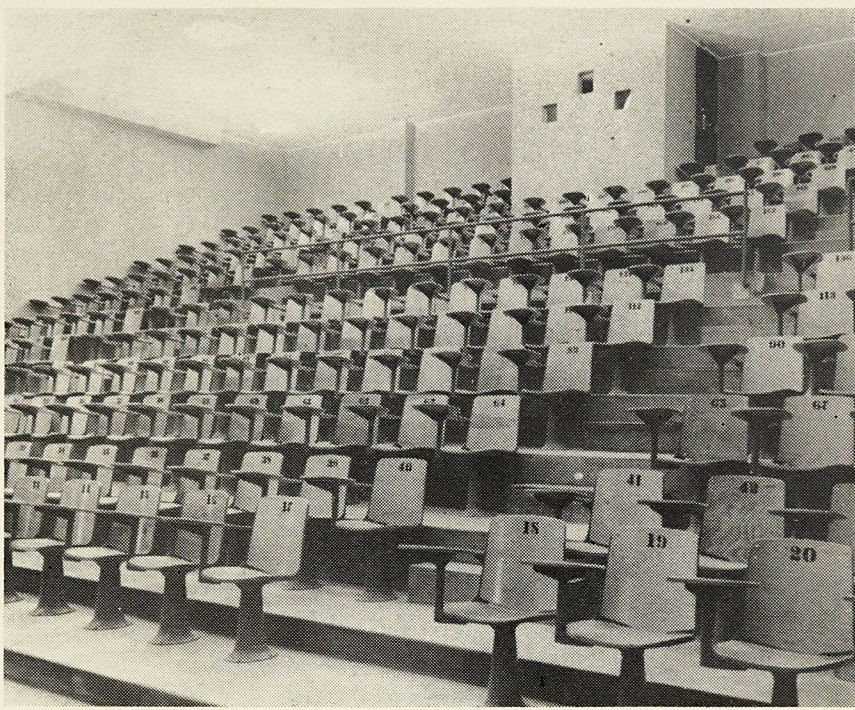
Those attending were the guests of the president and all enjoyed the cocktail hour and barbecue.

A short business meeting was held. The next scheduled meeting will be held at the residence of James M. Forgotson '22, Shreveport, Louisiana, on September 26, 1953.

F. H. Conley, President, commented that it would be the policy of our group for the members residing in Shreveport to carry most of the financial burden of the meetings as the trip to Shreveport from East Texas or Arkansas takes considerable time and money.

The chapter will work on plans to have a cocktail party at home-

New Chem Lecture Room



coming, and will try to arouse the interest of all members to have a good representation at homecoming from the Ark-La--Tex.

A list of the members attending is shown below:

Mr. and Mrs. Joseph H. Krebs '15.
Mr. and Mrs. John J. Doyle '16.
Mr. and Mrs. John H. Livingston '39.
Mr. and Mrs. Joseph H. Krebs '15.
Mr. and Mrs. Walter H. Bruening '34.
Mr. and Mrs. James M. Forgotson '22.
Mr. and Mrs. Lloyd R. Lacy '30.
Mr. and Mrs. Charles E. McGaughey '50.
Mr. and Mrs. Jack L. Shafer '43.
Mr. and Mrs. Harry Kendall '22.
Mr. and Mrs. Kevil Crider '28.
Mr. and Mrs. R. T. Wade '31.
Mr. and Mrs. A. J. Ruttinger '52.
Mr. and Mrs. W. R. Mays '32.
Mr. and Mrs. Ed C. Farrell '41.
Mr. and Mrs. J. A. Holman '27.
Mr. and Mrs. G. A. Roberts '28.
Mr. and Mrs. C. N. Valerius '25.
Mr. and Mrs. F. H. Conley '27.
Mr. and Mrs. J. C. Salmon, Jr. '22.
K. J. Gereau '53.
William Blackwell '53.
T. F. Quinn '07.
C. H. Fink '52.

Southern California Section

The annual outing of the Southern California Section was held at the Colorado Lagoon in Long Beach on Saturday, July 11.

While the turnout was small, due to the terrific heat wave prevailing at the time, those present had a most enjoyable time, sharing the alfresco dinner and reminiscing over old times. A number of newcomers to Southern California attended their first meeting and we are looking forward to having them as regulars at future meetings.

Those present were:

Mr. and Mrs. S. C. Hollister.
Mr. and Mrs. James Heddell and daughters.
Don Huseman and sons.
Mr. and Mrs. Barney Nuell.
Mr. and Mrs. James O. Ferrell.
Mr. and Mrs. Clifton Seymour.
Mr. and Mrs. George Wood.
Mr. and Mrs. Ted Herman.
Mr. and Mrs. Laurel Linn.
Mr. and Mrs. Charles Golding.
Mr. and Mrs. Griffin.

Deadline for the next MSM Alumnus Is October 1.

Gettysburg College Honors R. W. Abbett

Robert W. Abbett, '27, was awarded the honorary degree of Doctor of Science at the commencement at Gettysburg College, Gettysburg, Pennsylvania on June 7.

Bob is with the consulting engineering firm, Knappen Tippetts Abbett Engineering Company, 62 West 47th Street, New York 19, New York. This firm has been carrying a number of outstanding



DR. ROBERT W. ABBETT

engineering projects throughout the United States and throughout the world. Some of their current jobs has been the 400-foot span vertical lift highway bridge over East River in New York; the 300-foot span vertical lift double-deck bridge to carry Broadway on the lower deck and subway tracks on the upper deck over Harlem River; a new express highway for the State of Delaware between Wilmington and the Maryland State Line; the southern section of the New York Thruway; the extension of Moffett Airfield in California; and the Amphibious Naval Base in Norfolk, Virginia. One of their largest design jobs is now under construction, the Pine Flat Dam on King's River in California, which is 440 feet high and is being built by the Corps of Engineers of the Army.

Overseas they are serving as

consulting engineers to the Government of Bolivia on a 400-mile highway across the Andes from Cochabamba to Santa Cruz; the multi-purpose development of the Artibonite River in Haiti which includes flood control, irrigation and hydroelectric power development; a large reclamation project involving ten river valleys for the Government of Greece; two large river development projects for the Government of Turkey (Gidiz and Menderes Rivers); port, harbor and water supply work for the Government of Israel; the large iron ore terminal for U. S. Steel Corporation in Venezuela; a number of classified projects for the Army and the Air Force.

Their organization consists of approximately 250 engineers, designers, draftsmen, etc.

At the present time they have been selected, and are negotiating a contract to serve as consulting engineers on the National Economic Plan for the Government of Burma, and Bob has already left for Rangoon. They expect to have a large staff in residence in Burma for a minimum of two years.

Bob, who will be returning from Burma early this fall, hopes to return via Rolla in time for the Homecoming on October 10.

Births

Stuart S. Brown '50, and Mrs. Brown are the parents of a daughter. The child was born March 20, 1953, and was given the name of Linnea Spring. The Browns live at 1077 Greentree Road, Pittsburgh 20, Pa.

Irving C. Falk, '48, and Mrs. Falk have announced the birth of Gregory Peter at Newark, N. J., February 15, 1953. Irving is a Soils Engineer with Edwards-Kelcey-Beck in Newark. The Falks are residing at 5 Manor Drive, Newark 6, N. J.

Robert W. Arfman '52, and wife welcomed their second son into the world on May 26, 1953. The new boy has been named Dale. The Arfman's home address is 6317 Drive, Indianapolis, Indiana. Robert is employed with the P. R. Malony & Company.

Why not become a member of the Alumni Association.

Class of 1923 Plans Big Homecoming Reunion

Arrangements are being made by Neal Hamm, 2327 Locust Street, St. Louis, Missouri, for what is hoped will be a large reunion of the Class of '23 at Homecoming October 9 and 10. Letters will shortly go out to the full list of 1923 graduates outlining the plans. Assisting Neal Hamm, Chairman, are Milo BeDell, Dodd Gibson, Hank Zoller, Joe Wanenmacher and Paul Fischer.

Dr. Eppelsheimer Named to AIMME Committee

Dr. D. S. Eppelsheimer has been appointed to the Executive Committee of the Mineral Industry Education Division of the American Institute of Mining and Metallurgical Engineers. This announcement was made by the Institute's headquarters at 29 West 39th Street, New York, N. Y.

He is Professor of Metallurgical Engineering at the School of Mines.

Josiah Bridge

Josiah Bridge, a former member of the Faculty of MSM, died of a heart attack in Washington, D.C. on April 30, 1953. At the time of his death he was a paleontologist for the U.S.G.S. Dr. Bridge was outstanding in the field of Paleontology and Stratigraphy, and will be remembered by many of the older alumni of MSM.

Mrs. Milan H. Detweiler

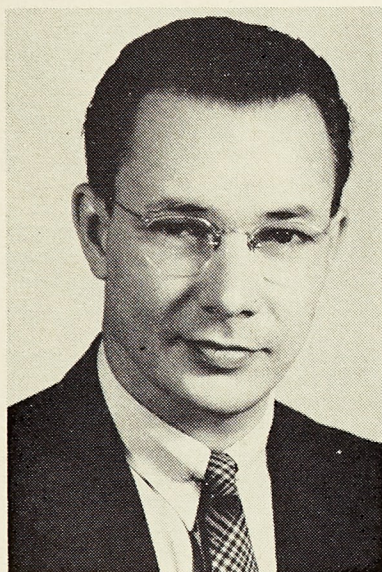
Mrs. Grace Detweiler, wife of Milan H. Detweiler '11, died June 29 at Phoenix, Arizona. Survivors include her husband, three sons and one daughter, two brothers and four sisters. She was the former Grace Mitchell of Rolla.

Howard Oliver Norville

Howard Oliver Norville '21, passed away on April 23, 1953 at Prescott, Arizona. Until his death he had been employed by the Arizona Highway Department in Holbrook, Arizona. While a student at MSM, he was a member of Pi Kappa Alpha and Theta Tau. He also was the Editor-in-Chief of the Miner, and on the Student Council.

\$1,500 Prize in Better Highways Awards Contest Goes to E. H. Woodman

Eugene H. Woodman '30, son of Dr. L. E. Woodman, Professor Emeritus of Physics at M. S. M., and Mrs. Woodman, has been announced as winner of first place for the state of Mississippi in the General Motors Better Highways Awards Contest, the prize award consisting of \$1,500. The purpose of the contest was to create public awareness of the need for doing something about highways and to



EUGENE H. WOODMAN

get more people to thinking and talking about this matter. General Motors sought to accomplish this by having people write essays on the subject "How to Plan and Pay for Safe and Adequate Highways We Need." There were over 40,000 papers submitted in the contest.

Gene, who graduated from M. S. M. in Electrical Engineering, is with United States Waterways Experiment Station at Vicksburg, Mississippi. He received his prize check at an Awards dinner held June 26th at Jackson, Mississippi, with approximately 100 present. A summary of his article is listed below:

- (a) Motor transportation by its complete public acceptance and dependence now constitutes an inseparable cornerstone in our way of life to an extent many people do not yet

fully realize.

- (b) An adequate road system is therefore indispensable but we have failed to provide for our needs.
- (c) Capable agencies are already established and functioning to accomplish all phases of the needed improvement program, hampered only by the ever-present shackle — insufficient funds.
- (d) Since the crux of the problem is financial, it must be solved by education of the public to produce action.
- (e) The initial phase of this project must be considered as a capital improvements program.
- (f) Responsibility must be at state and local levels, with national assistance.

Mrs. Ernest Wander

Mrs. Oma E. Wander, wife of Ernest Wander '10, passed away at their home at 3858 Magnolia Drive, Palo Alto, California on June 1, 1953. She was the former Oma E. Smail of Rolla.

Curry-Stevens

Miss Barbara J. Stevens of Rochester, New York became the bride of Byron Edward Curry, '50, on November 8, 1952. He was a member of ASME and MSPE while a student at MSM. Byron is at present employed in the Atomic Section of Babcock and Wilcox Company. The Curry's are living at 600 West Popocan, Barber-ton, Ohio.

Send in Personals.

MSM Alumni Association

OFFICERS

Term Exp.

President	James L. Head '16	Room 1726, 25 Broadway,	Nov. 1, 1953
		New York 4, N. Y.	
Executive Vice-Pres. ..	Harry S. Pence '23	1118 Syndicate Trust Bldg.	Nov. 1, 1953
		St. Louis 1, Mo.	
Area Vice-Presidents —			
Areas 1, 2, 3	Don N. Griffin '26	1703 Hawthorne Rd.,	Nov. 1, 1953
		Fort Wayne, Ind.	
Areas 4, 5, 6	Horace H. Clark	7203 So. Shore Drive,	Nov. 1, 1953
		Chicago 49, Ill.	
Areas 7, 8, 9	Barney Nuell '21	3440 Wilshire Blvd.,	Nov. 1, 1953
		Los Angeles 5, Calif.	
Sec.-Treas.	H. R. Hanley	MSM Alumni Association,	Nov. 1, 1953
		Rolla, Mo.	

DIRECTORS AT LARGE

(Terms Expire 1953)

Mervin J. Kelly '14	463 West Street	New York 14, N. Y.
Charles J. Potter '29	330 N. Carpenter St.	Indiana, Pa.
Melvin E. Nickel	10601 So. Leavitt St.	Chicago, Ill.

AREA DIRECTORS

Area No.	Name & Address	States Embraced	Term Exp.
1	Enoch Needles '14	New England States & New York,	1955
	55 Liberty St., New York, N. Y.	New Jersey, Delaware, Maryland, Virginia and D.C.	
2	Claude Valerius '25	W. Va., East Tenn., East Ky., N. C.,	1955
	443 Gladstone St., Shreveport, La.	S. C., La., Miss., Ala., Ga., & Fla.	
3	S. Alan Stone '30	W. Tenn., W. Ky., So. Ind., W. Pa.,	1954
	P.O. Box 28, Fort Wayne, Ind.	Ohio	
4	W. P. Ruemmler '38	N. Ill., Wisconsin, Minn., No. Ind.,	1954
	Eagle-Picher Co., P.O. Box 540	Industrial Area	
	East Chicago, Ind.		
5	P. T. Dowling '40	So. Ill., E. Mo., Arkansas	1955
	1400 So. 2nd St., St. Louis 4, Mo.		
6	H. E. Zoller '23	Iowa, W. Mo., Okla., Kansas	1953
	Cent'al Bldg., Wichita, Kansas		
7	S. H. Lloyd III '47	Tex., Ariz., New Mex.	1955
	1900 Mellie Esperson Bldg. Houston, Tex.		
8	Dave P. Hale '34	Idaho, Mont., N. & S. Dakota,	1954
	960 Leyden Dr., Denver, Colo.	Wyoming, Nev., Utah, Colo.	
9	Barney Nuell '21	Wash., Oregon, Calif.	1955
	3440 Wilshire Blvd., Los Angeles, Calif.		
	(Also serving as V-P for Areas 7, 8 & 9)		

Through the Years With MSM Alumni

1900

V. H. Gottschalk gives his address as 650 E. Capitol Street, N. E., Washington, D. C., and states that he is now retired.

1903

Raphail C. Alexander informs the Association that his mailing address is Henryetta, Oklahoma.

Tom Gibson, Ex '03, of Friars Point, Mississippi, was a campus visitor during the week of June 22.

1904

John T. Rice can be reached at 1122 State Street, El Centro, California.

Tietjens-Vaiana

Miss Jo Ann Vaiana and James A. Tietjens '53 were married in July of 1953 at the Epiphany of Our Lord Church in St. Louis, Missouri. While a student at MSM, James was a member of Gamma Delta and Sigma Nu. After a honeymoon in Michigan, Lt. Tietjens and his bride will make their home temporarily at Fort Leonard Wood, Missouri, where he will be stationed for several months.

Stoddard-Gourley

Miss Lola Gourley of Larchmount, New York, and George Stoddard '53, were united in marriage on June 11, 1953 at 6:30 p.m. at Larchmount. Mrs. Stoddard graduated from Mountain Grove, Missouri High School in 1951. Mr. Stoddard was a major in Petroleum and was a member of Sigma Phi Epsilon and Theta Tau. The Stoddards will make their home in Louisiana, where George is employed with the Texas Oil Company.

Engagement Announced

Mr. and Mrs. William L. Jaques, 625 Salem Avenue, announce the engagement and forthcoming marriage of their daughter, Miss Patricia Jaques, to Eugene William Myers '53, of St. Joseph, Missouri. Miss Jaques is a graduate of the Rolla High School, class of 1953, and is now employed at the Rolla Clinic. Eugene received his B.S. Degree from MSM in Jan. of '53. He was President of the Tech Club. He is now employed with the Mo. State Highway Department.

1905

James A. Gregory states that he is now retired and is living at 4th and Ash Streets, Newport, Arkansas.

1906

Edward A. Guntley is living at 3635 Humphrey St., St. Louis 16, Missouri. Edward notifies the Alumni office that he is now retired.

1907

Walter C. Richards is chief engineer for Leschen Wire Rope Company, a subsidiary to H. K. Porter Company, in St. Louis. His home address is 126 Gray Avenue, Webster Groves, 19, Missouri. He is also a member of the Wire Rope Technical Board, composed of engineers for technical representatives from each of the wire rope manufacturers in the United States. Also he is an author of an article, "Know Your Rope Fittings," which appeared in the magazine 'Construction and Equipment' for July, 1952.

1910

John L. Pickering, Jr. is living at Pickering Lane, Springfield, Illinois.

1911

German Garcia Lozano is an Assistant Director and can be reached at Londres Num. 85, Sexto piso, Mexico D. F., Mexico.

1912

Louis L. Coover informs us that his present address is 1725 Sherman, Apt. 10, Denver, Colorado.

William H. Elbelt is now retired and residing at 421 Lafayette Place, N. E., Albuquerque, New Mexico.

Joseph Stewart lives at 2106 7th Street West, Calgary Alberta, Canada. Joe is a Geological Consultant.

1913

William Ehlers, Jr., is a contractor and his mailing address is 8116 Teasdale Avenue, University City, Missouri.

1914

Clyde W. Hall is employed as Chairman-of-the-Board, of United Clay Mines Corporation in Trenton, New Jersey. His home address is Box 81-B, RFD 2, DeLand, Florida.

1915

Reginal S. Dean informs that his

new address is 6900 Oak Ridge Road, Hyattsville, Maryland.

1916

Alumni President James L. Head attended the 38th Annual Conference of the American Alumni Council in Washington, D. C. on July 12-16th.

1917

Ramsey C. Henschel is now living at 3236 Euclid Avenue, Kansas City 3, Missouri.

F. S. Elfred, Jr., will be a director of the newly-formed Matholin Corporation, owned jointly by Olin Industries, Inc. and Mathieson Chemical Corp., which is to produce and sell 'Hydrazine', a new commercial chemical. "Stilly" is Executive Vice-President of Olin Industries.

1918

W. H. Reber will receive his mail at Box 3979, Baytown, Texas. He is employed by the Humble Oil & Refining Company.

1920

Joseph Novak, Jr. is an Assistant Engineer with Mo. Pacific RR. He resides at 4003 Wilmington, St. Louis 16, Missouri.

C. P. Howard's home address is Dunlap, Kentucky. He is a chief Engineer with Kentland-Elkhorn Coal Company in Dunlap.

C. E. Bardsley, former member of the School of Mines campus, has recently suffered a stroke. He is confined to his home in Bethesda, Maryland.

1921

N. B. Larsh, RFD 1, Midland, Texas, lists his business address as Div. Exploration Mgr., Southern Prod Co., Inc., Box 708, Midland, Texas.

H. J. Mutz is the Gen. Supt. of Mines at International Nickel Co. of Canada. His home address is 11 Park Drive West, Copper Cliff, Ontario, Canada.

H. W. Hurd is a Constr. Engineer at Miramar Naval Air Station, Miramar, California. His residential address is 340 Fifth Street, P.O. Box 866, Del Mar, California.

Joseph H. Rohloff has just returned with his family from a week's trip to Niagara Falls via New York and Canada. In Gou-

William Kahlbaum lists his occupation as a farmer and lives on Rt. 1, Elizabeth City, N. C.

Anvil Clark Williams will receive his mail at 1005 National Street, Vicksburg, Miss.

vernor, New York he visited Johnnie Bulger '22 and his family. Joe's home address is 2 Palm Blvd., Lakewood 5, Rhode Island.

M. S. Badollet writes that he is working for Johns Manville Corp. in Manville, N. J. He is living at 35 Farragut Road, Apt. 28A, Plainfield, New Jersey.

1922

Harold F. Shore is retired now and gives his home address as Rt. 1, Boerne, Texas.

John F. Hosterman, who is employed with the Amerada Petroleum Corp. as a Chief Geologist, can be reached at 2646 East 34th Street, Tulsa, Oklahoma.

Henry E. Diers gives his home address as 1912 Holmes, Springfield, Illinois. Henry is with the Illinois Division of Highways at Springfield, Illinois.

E. J. Torrence's mailing address is c/o Braden Copper Co., Rancagua, Sewell, Chile. He is an Assistant Concentrator Superintendent.

Kingston M. Bowman will receive his mail at Bureau of Yards and Docks, Navy Department, Structural Engineer, - Washington 25, D. C. His home address is 6043 Broad Street, Brookmont, Md.

R. I. C. Manning resides at 235 W. Bethany Home Road, Phoenix, Arizona. He is a director of the Arizona Department of Mineral Resources in the Mineral Building, Fairgrounds, Phoenix, Arizona.

1923

H. J. Schiermeyer gives his new address as 219 McKinley Avenue, Edwardsville, Illinois. He is working for the Illinois Division of Highways.

Robert E. Richards can be reached at the Veterans Hospital, Register No. 51518, Wadsworth, Kansas.

M. L. Dorris is with the Illinois State Highway Department in Peoria, Illinois. His home address is 935 Beech St., Chillicothe, Illinois.

D. S. Mosby is with the Eagle-Picher Company, Joplin, Mo. and working in the Research Dept.

A. B. Jewell gives his mailing address as P. O. Box 35, Tulsa, Oklahoma.

John M. Reeves is a heat treater with the Ontario Mfg. Co. His mailing address is 1000 East 22nd Street, Muncie, Indiana.

B. F. Hoover states that he is

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an Olds-Cadillac & I.H.C. dealer. His mailing address is Rt. 3, Trenton, Missouri.

Robert E. Richards is retired now and living at 629 Old Orchard, Excelsior Springs, Mo.

E. Rowland Tragitt notifies us that his address has changed to 272 Country Club Drive, San Francisco 27, California.

Oscar L. Brandenburger is Chief of Power Generating, CCA, Washington 25, D. C. His mailing address is P. O. Box 226, McLean, Virginia.

1924

Charles Kentnor, who is President of the W. S. Rockwell Company, Fairfield, Connecticut, visited the campus on a trip to the west coast on June 24. Chuck was accompanied by his family, his daughter, Jane, who is a sophomore at Wellesley College, and Charles, III, their ten year old son. Charles III hopes to be a Miner sometime in the future. They were visiting Mrs. Alma Schuman while in Rolla.

George C. Gabler of 1942 Hetrick, Richland, Washington, is the Mgr. of the Separations Projects, Hanford Atomic Prod. Division, General Electric Company.

G. T. Dierking will be living at 4963 Kendall Drive, New Orleans 22, Louisiana until February of '54. He is presently employed with Ford, Bacon & Davis in Monroe, Louisiana.

Leon Sidney Howard gives his address as Steeleville, Illinois.

Irvin King Owens' address is now Victoria, Texas. He is with Dowell, Inc.

1925

Phyl Martyn was a campus visitor on June 26. Phyl is doing consulting work as a Petroleum Geologist in Houston, his office address being 911 San Jacinto Building, Houston and his home address 5450 Tilbury Drive, Houston 19, Texas.

L. A. Oberly is a research chemical engineer with the Industrial Rayon Corporation in Cleveland, Ohio. His home address is 561 North St., Chagrin Falls, Ohio.

L. O. Williams, who lives at 1901 Cheyenne Pl., Cheyenne, Wyo., is working as a director in the Division of Environmental Sanitation, Wyoming Dept. of Public

Health in Cheyenne.

Ronald D. Ward can be reached c/o Const. Dept. 5 Shell Oil Co. of Canada, Ltd., Shellburn Refinery, Vancouver, B. C., Canada.

Albert Louis Heitmann is the Village Engineer & Director of Public Works in Park Forest. His home address is 195 Birch Street, Park Forest, Illinois.

1926

H. E. McBride can be reached at 761 E. Main, Batesville, Ark. He is a Manganese Producer.

James D. Crawford is Vice-President and General Manager of the U. S. Smelting, Refining and Mining Co., Alaskan Operations, Box 1170, Fairbanks, Alaska. His mailing address is Box 1304, Fairbanks, Alaska.

B. R. Thompson states that he can be reached if written to c/o 1107 Union National Bank Bldg., Wichita 2, Kansas. He is a geologist with the Gulf Oil Corp.

1927

James F. Smith is the Production Superintendent of the Anaconda Aluminum Co., and gives his home address as Box 336, Columbia Falls, Montana.

Robert D. Douglass is residing at 10 Hampton Ct., Port Washington, N. Y. Robert is working for the Shell Oil Company.

Edward W. Parsons is with the U. S. Bureau of Mines in Bauxite, Arkansas. He will receive his mail at Box 640-B, Rt. 1, Benton, Arkansas.

Ronald Mabrey was a campus visitor on July 24th. He spent three months in Europe this past Spring and plans to return this fall. His home address is 1313 Division St., Vicksburg, Mississippi. There he is connected with the U. S. Waterways Experiment Station as a Geologist.

1928

O. D. Niedermeyer will receive his mail at Nickel Processing Corp., Nicaro, Oriente, Cuba. He is the Vice-President and General Manager.

D. H. Crumbaugh of 2567 Miami St., East Gary, Indiana, is the Assistant General Foreman of Gary Steel, U. S. Steel Corp.

John J. Livingston is a Col. in the U. S. Army. His mailing address is 388 W. Lee, Grovelton, Alexandria, Va.

Robert Henry Sturgess gives his residential address as 69 Lamarck Drive, Snyder 21, New York. He is with the National Gypsum Co. in Buffalo, New York.

1929

Joe Williamson, Jr., gives his home address as 8660 Old Bonhomme Road, Univ. City, Mo. His business address is 6731 Manchester Ave., St. Louis, Mo.

Russell S. Dittmer will receive his mail at Box 1164, Chattanooga, Tenn.

Henry D. Monsch is a Staff Metallurgist with the Aluminum Co. of America. His home address is 570 Audubon Ave., Pittsburgh 34, Pa.

Russell C. Miller informs us he is working for Leeds & Northrup Co. in Chicago, Illinois. His mailing address is 912 Windsor Rd., Glenview, Ill.

Arthur H. Kemp can be reached at 6201 5th Ave., Apt. C-3, Pittsburgh 32, Pa. Arthur is employed by the Gulf Oil Co.

1930

Harry F. Kirkpatrick is a Lt. Col. in the U. S. Army. His present mailing address is 0-39807, Armed Forces Staff College, Norfolk 11, Virginia.

W. H. Rollman is living at 4618 Belclaire, Dallas, 9, Texas. His business connections are with the Westinghouse Electric Corp.

Dr. and Mrs. A. J. Miles and daughter made a trip by plane to Florida, Mississippi and several cities along the gulf coast in June. They attended the meeting of the American Society of Engineering Education at the University of Florida at Gainesville, Fla; and visited Mr. and Mrs. James Cullison in Tallahassee, Florida, a former instructor at MSM.

1931

Ralph C. Graham is giving his home address as 3222 Oakmont, Houston, Texas. His business address is P. O. Box 1181, Houston 1, Texas.

Bemis S. Followill is Vice-President of the 1st Fed. Savings and Loan Association. He gives his mailing address as 1246 Wildwood Ave., Columbus, Georgia.

Joseph E. Scally, 2110 S. Jamestown, Tulsa 5, Oklahoma, gives his business connections as Manager of the Engineering, Alsonett Enterprises.

Loren A. Wilson is the owner of the Wilson Oil Co., Wilson Lumber Co., and the Wilson Construction Company in Crane, Missouri.

H. R. Herron, wife and daughter, Elizabeth Ann, of Vandalia, Missouri have been spending a few weeks in July at the home of Mrs.

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Herron's parents, Mr. and Mrs. D. L. Stuart, 500 W. 9th St., Rolla, Mo.

1932

John I. Moore, Jr., is living at 3811 South St. Louis, Tulsa, Oklahoma. He works with the Skelly Oil Company in the Reserves Section.

Edward L. Karraker is a corrosion engineer with Shell Oil Company. He resides at 228 Wood St., Crown Point, Indiana.

Harvey C. Chaden is with the South Bend Smelting and Refining Company and can be reached at 1722 E. Bader, South Bend, Indiana.

John A. Pollak gives his home address as 1123 Azalea Avenue, Magnolia Heights, Augusta, Ga.

W. E. Darnell can be reached c/o Jet Bagger Company, 134 Jeanette Drive, San Antonio, Texas.

Ray H. Runder lives at 6448 Curzon, Ft. Worth, Texas. He is employed with the Corps of Engineers, P. O. Box 1600, Ft. Worth, Texas.

Allan P. Green, Jr. is with the A. P. Green Fire Brick Company, Mexico, Missouri. Allan can be reached at 835 Hillside Drive, Seattle 2, Washington.

W. M. Pickles, Jr. gives his residential address as 3740 Underwood St., Houston 25, Texas. He is employed by the Schlumberger Well Surveying Corporation.

1933

Ernest W. McClure's address has changed to 220 LaSalle, San Angelo, Texas. Ernest's business address is Box 649, San Angelo, Texas.

C. J. Wenger is with the Shell Oil Company, Wood River Refinery. He resides at 122 Thoroughman Avenue, Ferguson 21, Mo.

E. W. Gieseke gives his residence as 101 Colonial Circle, Fountain City, Tennessee. He is employed by the American Cyanide Company in New York.

Paul B. Prough gives his new home address as 8 Finley Road, St. Louis, 22, Missouri.

A. P. Towell of 3400 Reed Way, California, is with the Shell Chemical Company in Pittsburg, California.

Charles H. Lambur is President of the U. S. Collieries, Inc. His

home address is 41 Park Ave., New York, New York.

Charles C. Rodd is with the Gulf Oil Corporation in Tulsa. He is living at 3155 E. 26th St., Tulsa, Oklahoma.

C. P. Ferbrache is living at 3029 Green Avenue, Ft. Worth 9, Texas. He is with the U. S. Corps of Engineers, Ft. Worth District, 100 W. Vickery, Ft. Worth, Texas.

Gene L. Harris can be reached at 400 8th Avenue North, Amory, Mississippi. He is a Division Engineer with the St. Louis-San Francisco Railway Company.

Vernon O. Burkhalter is living at 1513 Green Berry Road, Jefferson City, Missouri. He is the owner of a retail establishment in Jefferson City.

Mr. and Mrs. W. L. Doll, both '33, visited with Dr. and Mrs. L. E. Woodman during the first part of July. Wick is with the Water Resources Branch, U. S. Geological Survey at Charlestown, W. Virginia. Their home address is 814 Beech Avenue, Charleston, W. Va.

1934

R. E. Taylor can be reached at 1143 Luzerne, Ext., Johnstown, Pennsylvania.

E. W. "Bert" Fort, Engineer Geologist and L. C. Aycock, Geologist, announce the formation of a partnership to be known as Aycock and Fort, Petroleum Consultants at 1013 Pere Marquette Building, New Orleans 12, Louisiana.

LeRoy Jackson is director of Engineering Division, Oak Ridge Operations, Office of Atomic Energy Commission. He resides at 165 Outer Drive, Oak Ridge, Tennessee.

Robert L. Cunningham is now residing at 2107 S. Grand Blvd., St. Louis 4, Missouri. Robert gives his business as the Kroger Company, 1008 S. Spring Ave., St. Louis.

James E. O'Bryant's home address is 719 S. Fremont, Springfield, Missouri. James is working for the Ozark Tractor & Implement Company.

Homer T. Ford's mailing address is 1152 E. Meadowmere Street, Springfield, 4, Missouri. His business connections are with the Veterans Administration, 1025 E. H. Crump Blvd., Memphis, Tennessee.

1935

George J. Borgstede is employed by the County Health Department in St. Louis, Missouri as a sanitary engineer. His home address is 3215

St. Joachim, St. Louis County, Missouri.

R. C. Solomon is with the Granite City Steel Company and is the Superintendent of Operations. His mailing address is 1303 St. Louis Street, Edwardsville, Illinois.

E. W. Nixon lives at 4224 Clausen Avenue, Western Springs, Illinois. He is employed with the Wabash Railroad Company, Dearborn Station in Chicago.

Donald J. Doan's address has changed to 1601 Penn Ave., Joplin, Mo.

1936

George H. Breuning is stationed at Patrick Air Force Base, Cocoa, Florida. He will receive his mail at 1528 Fee Avenue, Melbourne, Florida.

Richard H. Hoffman informs that his address has changed to 1443 West 22nd Street, Merced, California. He is employed as a sales engineer with the Pacific Gas & Electric Co.

A. E. Woerheide, Jr. is with the Byrd Oil Corp., as Director & Vice President; and McConnell Drilling Corp. as Executive Vice President. His residential address is 6430 Desco Drive, Dallas, Texas.

Donald F. Grimm is living at 1906 Lake, Lawton, Oklahoma. Don is with the Carpenter Engineering Service in Lawton.

Ralph E. Schneider is a Geologist and Oil Producer. He resides at 3462 S. Zunis, Tulsa, Oklahoma.

Ralph H. Striker is with the Missouri Portland Cement Company and is living at 6321 Farley, Kansas City 29, Missouri.

Ed Fiss of 1901 Hillsdale Avenue, Charlotte 7, North Carolina, is a chemical engineer with the Duke Power Company.

Andrew T. Alward, formerly a Police Lt., has been promoted to Captain by the Board of Police Commissioners of St. Louis and placed in charge of the Identification Bureau. Capt. Aylward is living at 5959 Alpha Avenue, St. Louis, Missouri.

Albert Alper is living at 7331 Kingsbury, University City, Mo.

Robert T. Chapman may be addressed at 102 Madison Avenue, Fanwood, New Jersey.

1937

Frank C. Appleyard is employed by the U. S. Gypsum Company, 300 W. Adams Street, Chicago, Ill. His home address is Box 293, Glenview, Illinois.

Ralph W. Wilkey gives his address as 308 Washington, Malden,

Alumni Personals

Missouri.

Earl V. Porter is living at 710 Pearl, Macon, Missouri and is employed by the District Public Health Office No. 2.

Ross R. Carrola is a stress analyst and supervisor of salvage engineers with General Motors in the Fairfax District of Kansas City, Kansas. He can be reached at 5500 Michigan, Kansas City, Missouri.

Frank S. Millard's home address is Box 632, Midland, Texas. He is employed with the Schlumberger Well Surveying Corp.

George W. Dickinson is a consulting engineer (Mining and Industrial). His office is in the Littleton National Bank Building in Littleton, Colorado. His mailing address is Box 20, Littleton, Colorado. George's home address is Rt. 1, Box 165, Littleton, Colorado.

T. W. Womack states that he has moved to 63 Coralyn Avenue, White Plains, New York.

1938

W. B. Dunlap is with the Monsanto Chemical Company in Anniston, Alabama. He gives his home address as no. 114, Rt. 2, Oxford, Alabama.

Wm. N. Buck resides at 5549 Kenneth Avenue, Carmichael, California. He is working for the USGS in Sacramento as a Topographic Engineer.

R. P. Alger and family returned Monday, June 29, to their home in Houston, Texas, after spending three weeks here with Mrs. Alger's mother, Mrs. W. C. Tucker, Woodland Drive, Rolla, Missouri.

Frederick Morrison gives his address as 6173 Westminster Place, St. Louis, Missouri. Fred is an engineer at Socony Vacuum Oil Co., East St. Louis, Illinois.

John A. Short resides at 2644 E. 14th Street, Tulsa Oklahoma and works for the U. S. Dept. of Agriculture, Box 61, Tulsa, Oklahoma.

James D. F. Evans, II, who is a mining engineer with the Ore Mines and Quarries, TCI Division, U. S. Steel, gives his home address as 1501 Minnesota Ave., Bessemer, Alabama.

Edward A. Ballman can be reached at House no. 3, Shell Oil Refinery, Montreal East, Quebec, Canada. He is with the Petroleum

Refining, Shell Oil Company of Canada, Ltd.

James B. Weaver is with the Willard Company and is residing at 2616 17th Street, Bakersfield, California.

William A. Ford was a campus visitor on July 17. Bill is with Brown and Root, Engineers and Constructors, Houston, Texas. His home address is 7228 McHenry St., Houston 17, Texas.

Fred M. Mueller has returned from abroad and is now living at Adrian, Missouri, his address being P. O. Box 524, Adrian, Missouri.

Omar C. Walley can be reached at 16511 Biltmore Ave., Cleveland 28, Ohio. Omar works for Jack & Heintz, Inc.

1939

Herbert F. Crecelius is in the U. S. Army and gives his address as Lt. Col. H. F. Crecelius, O-25187 Hq. Eighth Army, Chemical Section, APO 301, c/o PM, San Francisco, California.

John O. Campbell, Jr. is a superintendent of the National Gas & Gas Products, Carter Oil Co. His home address is 2447 E. 26th Place, Tulsa, Oklahoma.

Jack McCaw is an area engineer DuPont De Nemours & Co. He resides at 2714 McCarey Street, Chester, Pennsylvania.

Robert G. Livingston gives his address as 2104 California Ave., Dayton, Ohio.

Carl W. Lintner's residential address is 1875 Norwood Drive, Grosse Pointe 36, Michigan. Carl is working for Parke-Davis Company in Detroit.

Thomas J. Finley, Jr. gives his address as 6547 Bandera, Dallas, Texas.

1940

Guy Brown, Jr. gives his mailing address as 1655 Banks, Houston, Texas. Guy is employed by the Bethlehem Supply Co.

Harlie Willard Ladd is a Major in the U. S. Army. His address, after August 1, will be Student Detachment NYU, First Army, Governor's Island, New York.

Herbert O. Kimmel is now employed with the Imperial Oil Co. in Canada. His mailing address is 2337 Eleventh Avenue, Regina, Saskatchewan, Canada. Herbert was a campus visitor on July 6.

Ernest Perry received a Master of Industrial Engineering degree at the New York University on June 10. Ernest's home address is 505 East 10th Street, Rolla, Missouri.

He is now a Lt. Col. in the U. S. Army and has been in service for four years.

Peter Simonds is living at 170 Waverley Street, Ottawa 4, Ontario, Canada. He is employed as an engineer with the ESSC, Dept. of National Defense, Ottawa, Canada.

G. A. Parish of 533 Wilson Court, Spencer, Iowa is with the Spencer Constructing Co.

Elmer Trautwein is a mechanical engineer with Rochester & Pittsburgh Coal Company. He gives his mailing address as Indian Springs Road, Indiana, Pennsylvania.

Walter A. Baumstark is the Midwestern Regional Manager of the Alloy Tube Division of Carpenter Steel Co. in Chicago. He can be reached at 1381 Asbury Ave., Winnetka, Illinois.

Russell A. Gund gives his new address as Rt. 1, Bixby, Oklahoma. His business connections are with the Walco Engineering & Construction Company in Tulsa.

Earl S. Eikman was a campus visitor on June 15. Earl is with the Lone Star Steel Co., General Delivery, Daingerfield, Texas.

Elmer H. Peters notified us of his change of address to 2224 Atwater, St. Louis, Missouri.

Joseph E. Rakaskas is living at 1701 Roanoke, Wichita, Kansas and is employed with the Cities Service Oil Company as a District Geologist.

W. A. Enderson states that he is employed with Shell Oil Company in New York. His home address is 27 Merritt Ave., Dumont, New Jersey.

B. A. Dennis, Jr. is living at 117 DeMar Blvd., Canonsburg, Pennsylvania. He works with E. I. DuPont de Nemours & Co. as a Technical Representative in the Explosive Department.

Leslie M. Payne writes that his address is Quarters 173, P. O. Box 126, Ft. Kobbe, Canal Zone. Les is in the Engineers Office, USARCARIB, Ft. Clayton, Canal Zone.

Richard W. Burnett is now living at 3611 North Parker, Indianapolis, Indiana. He is a Division Lubrication Engineer with the Phillips Petroleum Company.

1941

Allan J. Summers is the Preliminary Design Department Head at McDonnell Aircraft and can be reached at 3014 Capehart Drive, St. Louis 20, Missouri.

Martin E. Bowman gives his

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residential address as 1502 S. Knoxville Avenue, Tulsa 12, Oklahoma. He is working for the Harbison-Walker Refractories Company.

John H. Shankland lives at 618 N. Phillippa Street, Hinsdale, Illinois. He is working for the Western Electric Co.

A. Noel Reagan is living at 215 Russell Avenue, Syracuse, New York.

Richard G. Rhodes will receive his mail at 315 North Meramec, Clayton 5, Missouri. Richard is a Lt. Col. in the U. S. Army.

Clinton V. Newman is with the Chase Brass & Copper Co. in Detroit, Michigan. He gives his home address as 32371 Arlington Drive, Birmingham, Michigan.

Clifford M. Boutin's residential address is Rt. 1, Ashland, Kentucky. He is with the Ashland Oil & Refining Co. as a Senior Engineer.

William M. Puetz can be reached at Linn, Missouri. He is now a Lt. Col. in the U. S. Army serving overseas.

Edmund Roszkowski works with the Atomic Energy Commission in New Brunswick, New Jersey. His mailing address is 190-06D 69th Avenue, Flushing, New York.

William Schroeder is a LCDR in the U. S. Navy, stationed at the Naval Air Station in Glenview, Illinois.

Jane C. Hall is now living at Box 1962, Glencoe, Missouri.

Eugene P. Boyt can be reached at Box 247, Palasaidas, Idaho.

Marvin E. Pingel lives at 2535 Brandon Rd., Columbus, Ohio. He is with Westinghouse Electric.

1942

Charles A. Schaeffer, Jr. is living at 5927 Southington, Houston, Texas. He has business connections with the Shell Oil Company.

Welby M. King resides at 1102 Troy, Denver 8, Colorado. He is the Officer-in-charge of the Denver Regional Office, St. Louis Ordinance District of the U. S. Army.

John C. Allen's mailing address is Qtrs. 10-B Goat Island, Newport, Rhode Island. He is a Lt. and a Public Works officer, U. S. Naval Underwater Ordinance Station.

Ray H. Carmack can be reached at 5859 Rhodes, St. Louis, Mis-

souri. Ray is employed as a Production Superintendent with Asbestone Corporation.

E. C. Conary is with the American Steel Foundries, Cast Armor Division, 3200 S. Dickey Rd., E. Chicago, Indiana. His home address is 988 Wentworth Ave., Calumet City, Illinois.

Clarence Louis Merrell can be reached if written c/o Phillips Oil Co., Apartado 1031, Caracas, Venezuela, South America.

Earl L. Washburn is a Technical Director in the Processing Section of Cook Research Labs in Chicago, Illinois. His home is at 116 Derbyshire Lane, Arlington Heights, Ill. He was a campus visitor on July 1 enroute from California to his home.

Robert F. Winkle has been appointed General Manager of Minera Dominicana, C. Por A. Calle D. Cond., 21, P. O. Box 1265, Cuidau, Trujillo, R. D., Mexico.

Roland S. Burberry states that his new address is 608 W. Reed, Benton, Illinois.

W. J. Lawler is a Technical Superintendent with Kaiser Aluminum & Chemical Corp., Trentwood Works. He is residing at East 1214 42nd, Spokane, Washington.

John Wm. Nevin is General Foreman of the Wire Mill of Bethlehem Pacific Coast Steel. He gives his mailing address as 9813 Parrot Avenue, Downey, California.

John H. Dunn of Box 346, Sacramento, California, is with the USGS Topographic Section.

Thomas R. Beveridge is with the USGS and can be reached at 701 State St., Rolla, Mo.

E. Reed Gordon was on the campus June 15. Reed has been promoted to Assistant Chief Process & Design Engineer, Phillips Petroleum Company, Box 67, Old Ocean, Texas.

Vernon T. McGhee gives his home address as 1705 S. Keeler, Bartlesville, Oklahoma.

Philip I. Hendricks can be reached at P. O. Box 648, c/o Phillips Petroleum Co., Kemmerer, Wyo.

K. V. Harrington is now living at 584 Gresham, Sunnyvale, California.

Sam A. Kurtz is a Safety Engineer for Employers Mutuals Liability Insurance Company of Wisconsin, 114 Sansome St., San Francisco, California. He will receive his mail at 603 Larchmont Drive, Colma 25, California.

Winson B. Kehr states that he is employed with the Westinghouse Electric Corp. in Mansfield, Ohio. His residential address is 481 Midland Drive, Mansfield, Ohio.

Norman R. Loesing lives at 315 South Harvey, Ferguson, 21, Missouri. Norman works for Sverdrup & Parcel, Inc.

John E. Letter can be reached at 2071 Lyde Place, Scotch Plains, New Jersey. He is the Chief Chemist of Process Control, Anheuser-Busch, Inc., Newark, New Jersey.

Hyman Leggett has changed his mailing address to 9302 Harley Ave., Downey, Calif.

James Shaffer now lives at 205 E. Monroe, Owensville, Mo.

Wm. R. James is with the Southwestern Bell Telephone Company in St. Louis. Wm. is residing at 9006 Tudor, Overland 14., Missouri.

James Henry Fox was awarded a Master of Science degree by the St. Louis University in May. His home address is 1908 Wismer, Overland, Missouri.

1943

Donald H. Short resides at 2002 N. Troy St., Arlington, Virginia. He is with the US Navy Department, Bureau of Ships, Washington, D. C.

Herbert H. McColgin is the Assistant Superintendent at Missouri Portland Cement Company in St. Louis. Herbert gives his home address as No. 6 Magnolia Drive, Rt. 2, Caseyville, Ill.

John V. Driscoll can be reached if written to c/o Aluminum Co. of America, Refining Division, Box 300, Bauxite, Arkansas.

George L. Tuer informs us his mailing address is 283 Westgate West, Cambridge 39, Mass.

Patrick D. Quinn lives at 9036 Trefore, St. Louis, Mo. His business connections are with the Schade-Peper Lab.

H. O. Stricker is with the Standard Oil Co. of California, a senior petroleum development Engineer of the Coalinga Area. His home address is 765 Sunset St., Coalinga, Calif.

Eugene J. Rauch works at the Universal Match Co. He will receive his mail at 342 S. Marguerite, Ferguson 21, Mo.

Marion W. Stoops, who is with the Eureka Williams Corporation, 1201 E. Bell, Bloomington, Illinois, lives at 212 N. School St., Normal, Illinois.

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Ahmet Pekkan writes that he is with the Mutual Security Agency c/o American Embassy, Ankara, Turkey. His home address is Bahce, Turkey.

Kenneth R. Joynt gives his mailing address as Magnolia Petroleum Co., Box 470, Midland, Texas.

Elmer Ray Brown is living at 5327 W. 99th St., Los Angeles 45, California. He is employed with North American Aviation, Inc.

Robert V. Milton is with the Aluminum Co. of America and is living at 124 Clarendon Ave., New Kensington, Pa.

Claude E. Davis's home address is 230 Wadsworth Ave., Cuyahoga Falls, Ohio. He is with the Good-year Tire and Rubber Co. in Akron, Ohio.

J. H. Doerres is living at 7717 Rosewood, Kansas City 15, Missouri. His business connections are with the Great Lakes Carbon Corp. as a Sales Representative.

Donald J. Huseman is now living at Box 183, Wilmington, California.

Robert E. Hartleb is with the RCA Service Company, Inc. His home address is 52 Poplar, Snyder, New York.

Don Coolidge states that he is now homesteading 160 acres of land on Kenai Peninsula, Alaska. It is 25 miles NE of Homer, Alaska. He expects to be back in Engineering job by the 1st of 1954; probably in Anchorage, Alaska. He can be reached at Homer, Alaska, Box 221.

Frank Rehfeld, wife and daughter, of St. Louis, visited with Mrs. Rehfeld's mother, Mrs. Lee Montgomery, and her sisters, Josephine and Blanche, at 800 E. 10th St., Rolla, Missouri, the week end of the 26th of June.

James A. Neustaedter can be reached at 318 Washington Blvd., Pittsburgh 16, Pennsylvania. He is working for the Aluminum Co. of America in the Mining Division.

Roy L. Kackley, Jr. gives his address as Qtrs. 0-70A, Ft. Belvoir, Virginia. He is in the Regular Army, Engineer and Inspection Branch, Post Engineer.

E. H. Barnett is with the Monsanto Chemical Co. and is living at 1111 2nd Avenue North Texas City, Texas.

Jack Reed can be reached at 416 Bradford, Webster Groves 19, Mis-

souri. Jack is General Foreman at Lindenwood Diesel Shop, 7000 Fyler Avenue, St. Louis, Mo.

Sterling H. Durst's home address is 5523 Westhall Avenue, Louisville, Kentucky. He is a Production Manager at Gamble Brothers, Inc.

George Fiewger is working for the McDonnell Aircraft Corporation. He is living at 4272 Holly Avenue, St. Louis 15, Mo.

John V. Boland visited the campus on June 25.

Prof. and Mrs. G. G. Skitek have notified us that they have returned to Columbus, Ohio, after having made a trip to Niagara Falls. The Skiteks are at home at 289 E. 14th avenue, Columbus, Ohio., while Prof. Skitek is attending the Ohio State University. He is on leave of absence from MSM; to do work toward the degree of Doctor of Science at Ohio State.

1944

Robert E. Setchfield, 8677 North Avenue, St. Johns, Missouri, is with Union Electric Co., of Missouri and is a Construction Supervisor.

Robert R. Denison, former contact metallurgist with the Sheffield Steel Company, Houston, Texas, has been named a full research metallurgist at Armour Research Foundation of Illinois Institute of Technology. Bob, his wife and two children live at 5213 Dorchester, Chicago, Illinois.

H. J. Rudisalle is an Application Engineer with the Westinghouse Electric Corp. His mailing address is 785 Euclid, Glen Ellyn, Illinois.

James W. Copening of 274 E. Kanawha, Worthington, Ohio, is working for Westinghouse Electric in the S-Ray Division.

Tom B. Gettys writes that his new address is 525 Park St., Apt. 6, Terre Haute, Indiana.

Jean L. Ronat can be reached at 106 Briarwood Drive, Pittsburgh 35, Pennsylvania. He is in the Switch Gear Division, Circuit Breaker, Engineer Department, Westinghouse Electric Corp.

Francis S. Nelson lives at 3509 E. 34th Terrace North, Kansas City 16, Missouri and is employed with the Kansas City Power & Light Company.

Seymour Orlofsky is Superintendent of the Compressor Dept. of Trunkline Gas Company in Houston. He resides at 1906 Carroll, Houston 25, Texas.

Robert S. Westwater is a partner of Atlantic Bearings Service in Cambridge, Massachusetts. He will

receive his mail at 33 Englewood Rd., Winchester, Mass.

Ronald L. Carmichael's home address is 257 W. Lakeview Ave., Columbus, Ohio. Ronald works for the Battelle Memorial Institute as the Principal Mining Engineer.

James A. Liley, Jr., was a campus visitor on July 10. His home address is 9553 Chester, Overland, Missouri.

John R. Riggs, of the General Electric Company, is living at 193 South St., Pittsfield, Mass.

Hans Schmoldt was a campus visitor on July 30. Hans was returning from a business trip in Illinois where he was representing his company in the installation of magnesium anodes on the Great Lakes Pipe Line Company's line between Chicago and Des Moines to arrest corrosion. Hans is the author of an article in the Petroleum Engineer from May 1953 entitled "Improvement in Tank Bottom Protection."

1945

Osborne Milton is with the Sandia Corporation in Albuquerque, New Mexico. His home address is 9024 Los Arboles Avenue, NE, Albuquerque, New Mexico.

J. K. Ozawa, who is with the Atlantic Refining Company, 2700 Passyunk Avenue, Philadelphia, Pa., resides at 402 Holly Rd., Yeadon, Pa.

G. A. Feyerabend gives his new address as 714 Cleveland Avenue, Kirkwood 22, Missouri.

James McKelvey is now living at 216 Delaware St., New Castle, Delaware.

Robert F. Schmidt gives his address as 6 Willowbrook Avenue, Lansdowne, Pa. He is working in the Ajax Division of H. Kramer & Company in Philadelphia.

Carl B. Yoder lives at 22 Clara Place, Cedar Grove, New Jersey. Carl is with the Selmix Dispensers, Inc. in Long Island City, New York.

1946

Burnett Henry is at home at Plaster City, California. He is with the US Gypsum Co.

R. P. Connett of the Canadium Gypsum Company gives his home address as Windsor, Nova Scotia.

Russell E. Frame is working for the Southern Pacific Company in San Francisco, Calif. He will receive his mail at 14018 Piuma Avenue, Norwalk, Calif.

Jack Y. Nomi lives at 810 N. E. 52nd Avenue, Portland, Oregon. Jack works with the Bonneville

Alumni Personals

Power Administration.

Howard M. Fowler notifies us that his present mailing address is 643 Pine St., Tacoma, Washington.

Jay L. Weeks is living in Independence, Missouri on Rt. 1. He is with the Carmichael Insurance, Independence, Mo.

Raymond B. Jones is now working for the National Tile and Mfg. Co., Anderson, Indiana, as a Chief Ceramic Engineer. Ray is residing at 4328 Nichol Avenue, Anderson, Indiana.

1947

Kenneth W. Franks lives at 4601 Grand Avenue, Western Springs, Illinois.

Melvin F. Kallmeyer is with the Missouri Research Labs, in St. Louis as a Process Engineer. Melvin's home address is 1717 Red Bird Cove, Brentwood, Missouri.

George Wilburn Wood of Hughes Aircraft Company, Culver City, Calif., is working as a Test Equipment Engineer. He resides at 5862 W. 88th St., Los Angeles 45, California.

Wesley E. Weber writes that he is working for Hughes Aircraft Co., in Culver City, Calif. as a Process Engineer. He is living at 19218 Friar St., Reseda, California.

Charles Carlberg gives his permanent address as 3127 S. 2nd East, Salt Lake City, Utah. Charles is with the Magnolia Petroleum Co., Dallas, Texas.

Eugene W. Lavat is a 2nd Lt. in the U. S. Army, as a Public Works Officer in the 811th Installation Squadron at Turner Air Force Base in Albany, Georgia.

James D. Sullivan is living at 4272 N. 24th Place, Milwaukee 9, Wisconsin. He is a Research Engineer with A. O. Smith Corporation.

Walter Liddell is employed by the Johns-Mansville Sales Corp. and is living at 4246a Humphrey, St. Louis, Missouri.

Joseph W. Collier's home address is 213 Mississippi Ave., Crystal City, Mo. He is working for the Pittsburgh Plate Glass Co.

Edward B. Blair resides at 91 E. Elm St., Alton, Illinois. Edward is employed at the Laclede Steel Company.

1948

Paul Fullop gives his mailing

address as Box 291, Carmi, Illinois. He is a partner of Eastern Petroleum Company.

R. W. Walker states that his mailing address is 7444 W. Adams, Forest Park, Illinois. He is working with the Glidden Co.

Irving C. Falk is with Edwards, Kelcey & Beck and is a Soils Engineer. He lives at 5 Manor Drive, Newark 6, New Jersey.

Cecil A. Branson gives his residential address as Box 681, Edgewood, Maryland. He is with the Army Chemical Center, Research and Engineering Command, U. S. Army.

Robert J. Nease, who is employed with the Commonwealth Edison Co., is living at 2910 East Wood Avenue, Chicago 25, Illinois.

H. C. Brassfield is working with General Electric and is residing at 8269 Gandy Lane, Cincinnati 24, Ohio.

Bill Presley is with Tulsa Winch, and lives at 3729 E. 1st St., Tulsa, Oklahoma.

P. B. Boswell works for General Electric Company as an Engineer. His residential address is 1011 Union St., Schenectady, New York.

Arne Normann has been appointed Sales Engineer of Foreign Trade with the Aktiebolaget Kamyr, Karlstad, Sweden. His mailing address is Kanikenasgatan 12, Karlstad, Sweden.

Stephen Hasko is now living at 1510 Wheaton Lane, Silver Springs, Maryland.

Thomas O'Hara gives his new address as Flin Flan, Manitoba, Canada.

Ray E. Pickett is now living at 6947 Horton, Overland Park, Kansas.

Don Detjen resides at 1620 Elliott Avenue, Ashland, Kentucky.

Quentin Kuse will receive his mail at 343 Mill St., Chillicothe, Ohio.

Joel Edward Beezley is working with the W. K. & H. T. Ellison in Hurtsboro, Alabama. His home address is P. O. Box 183, Hurtsboro, Alabama.

Paul A. Watkins is with the Seaman & Schuske Metal Works Company. He is residing at 1205 Ashland Ave., St. Joseph, Mo.

Glenn E. Merritt can be reached at 15947 Lathrop Ave., Harvey, Ill. He is with the Sinclair Research Labs., Inc.

Samuel P. Halcomb's home address is 9629 Echo Lane, Overland 14, Mo. He is a Stress Analyst

with Universal Match Corp. in Ferguson.

W. A. Irwin notifies us that he is living at 2328 Alvarado St., NE., Albuquerque, New Mexico. He is with the Robert E. McKee, General Contr., Inc.

Raymond John Juergens, Jr. can be reached by writing to 5369 Arlington, St. Louis 20, Missouri. Raymond is working for the American Car & Foundry Company in St. Charles.

Ivan H. Garthwaite is with the Magnolia Petroleum Company, Geophysical Dept., Box 900, Dallas 21, Texas. His mailing address is Box 126, Slidell, Louisiana.

O. H. Kortjohn Jr., is with the McDonnell Aircraft. His home address is 1659 Kappel Avenue, St. Louis County 21, Missouri.

Carl M. Krog is living at 5015 Irving Way, Houston 17, Texas. Carl works for the Pan American Prod. Co.

1949

John D. Maguire is now living at 404 Cherry Cts., Carbondale, Illinois.

Oliver V. Smith states that he is living at 1724 Canary Cove, Brentwood 17, Mo. He is employed with McDonnell Aircraft Corporation.

E. Murray Schmidt gives his new address as 3526 Locust St., Kansas City, Mo. He is employed with the General Refractories in Kansas City.

John P. Lacke resides at 18½ N. Drexel Avenue, Indianapolis 1, Indiana. John is a Safety Engineer with the Liberty Mutual Insurance Companies.

M. W. McCord is with the Wabash Railroad in Moberly, Missouri. His home address is 721 North 8th Street, Herrin, Illinois. He was a campus visitor on July 23rd.

Frank J. Cizek writes that he has moved to 736 Parker St., E. Longmeadow, Massachusetts.

James E. Bell works with the Illinois Division of Highways, Bureau of Maintenance. James lives at 1022 S. Oakdale, Springfield, Illinois.

Robert C. Twombly gives his home address as 858 Chelsea Avenue, Glendale 22, Missouri. He is in the Topographic Division, USGS, Rolla, Missouri.

James David Van Kirk states that his new address is 1302 Gardner Drive, Wichita, 14, Kansas. Apartment 201.

George E. Vaughn, Jr. is work-

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ing for the Schlumberger Well Surveying Co. His mailing address is Box 117, Graham, Texas.

Kenneth Walpert notifies us that he is with the Solar Mfg. Co. in Los Angeles. His home address is 3926½ Broadway, Huntington Park, Calif.

Stanley R. Hrach is now working for Wm. Hrach & Sons in St. Louis. He resides at 7001 Plymouth, University City 14, Missouri.

Wm. Dale Carter can be reached at 2361 Hiwassee Drive, Kingsport, Tennessee. He is working for the Tennessee Eastman Co.

Robert B. and Bettie B. Shroyer are living at 4708 McKnight, N. E., Albuquerque, New Mexico. He is employed with the American Car & Foundry.

Harold C. Brehe is living at 501 S. Central, Paris, Illinois and is working for Mecro, Inc.

Eddie Lee Dougherty informs that he is living at 3219 Hardesty Drive, Kansas City, Missouri. Eddie is with Howard, Needles, Tammen & Bergendoff, Consulting Engineers in Kansas City.

David F. Brasel is working for the Continental Can Company and is residing at 5239a Palm Street, St. Louis, Missouri.

Wm. L. Griffith, who is working with Carbide & Carbon Chemical Company, is living at 633 West Vanderbilt Drive, Oak Ridge, Tennessee.

John Thomas Moran has notified us that he can be reached at B. O. Q Annex, Rm. 607, Naval Air Station, Quonset Point, Rhode Island.

Harvey D. Ross is now residing at 1936 Lewellyn, Apt. C., Dallas 24, Texas. Harvey is employed by the Temco Aircraft Corporation.

Kurt H. Frank, who is working for Monsanto Chemical Corp., states that his new address is 3964 Jamieson Avenue, St. Louis 9, Missouri.

Paul J. Schmitt is with the Mississippi Glass Company and is living at 4372a Chouteau Avenue, St. Louis 10, Missouri.

John E. Hoopes informs that he is living at 309 E. 92nd Terrace, Kansas City, Missouri. His business connections are with the Kansas City Power & Light Company.

Robert Roy Parsons home address is P.O. Box 191, Chester, Il-

linois. He is employed in St. Louis, Missouri at the Corp. of Engineers, Construction Division.

Walter Janczewski has written that his address has changed to 6439 Switzer Lane, Shawnee, Kansas, and is working for IBM in Kansas City, Missouri.

Wm. H. Deso can be reached if written to c/o Seismograph Service Corp., Box 1590, Tulsa, Okla.

Ward J. Carter gives his mailing address as Rt. 3, Box 316, Arlington, Texas. Ward is working at Bell Aircraft Company as a Manager at Ft. Worth, Texas.

Frank J. Bumpus can be reached at 6 Bancroft Drive, Buffalo 21, New York. He is with F. L. Bumpus, Jr., Inc., a DeSoto-Plymouth dealer.

Arthur W. Edmunds at 7005 E. 112th St., Hickman Mills, Missouri. He is working for the General Electric Company as a Sales Engineer.

K. F. Peterson's home address is 477 Via Vista, Montebello, California. He is employed by the Fluor Corporation, Ltd., in Los Angeles.

George Boeckman is with the USGS. He is living at 308 E. 3rd Street in Rolla, Missouri.

Joseph R. Clooney, Jr., can be reached at 7 Colchester Drive, Ferguson, Missouri. He is working with Nelson's Garage, Inc.

Harold R. Coffey can be found if written c/o Shell Oil Company, Box 595, Franklin, Louisiana.

Mack Ellnor resides at 7632 Taber Drive, St. Louis 14, Missouri. Mack is with Sverdrup & Parcel, Inc.

Andrew L. Ray resides at 5462 Tholoan Avenue, St. Louis, Missouri.

Robert R. Penman is a Metallurgist with the Macon Arms, Inc., and gives his mailing address as 1719 E. Riverside Avenue, Decatur, Illinois.

1950

Ralph J. Knoernschild is a Project Engineer with D. I. DuPont De Nemours & Company. His mailing address is RFD no. 2, Seaford, Delaware.

Philip B. Newlin will receive his mail at 2424 S. Forgeus Strave, Tucson, Arizona. He is the Assistant Professor of Civil Engineering at the University of Arizona.

George P. Miller gives his business address as 3534 DeKalb, St. Louis, Missouri. His home address is 6631 Alamo, Apt. 2W, Clayton 5, Missouri.

Davis T. Steele resides at 2726 N. Grove, Wichita 14, Kansas. Davis is the Production Control and Material Control Supervisor, The O. A. Sutton Corporation in Wichita.

William G. Barker works for the Abbott Laboratories in Waukegan, Illinois. His home address is 1102 Fairfield Circle, Waukegan, Illinois.

H. C. Iten writes that he has moved to 9716 East 34th, Kansas City, Missouri.

Robert D. Erb is now residing at 7623 Eastern, Apt. F., Dallas, Texas. He is a Field Service Engineer with Allis-Chalmers Mfg. Company.

C. Graydon East notifies us that he will be transferred to Southern Ohio in September where a new plant of Smith, Hinchman & Grylls, Inc. is being erected. He is the editor and chairman of Publications Committee of a magazine entitled "Professional Engineer." At the present, his mailing address is P. O. Box 806, Paducah, Kentucky.

Robert R. Prater has business connections with Warren & Van Praag, Inc., Consulting Engineers in Decatur. His home address is 1435 W. Marietta Street, Decatur, Illinois.

Robert N. Brown's home address is 25 Harding Avenue, Metuchen, New Jersey. His business is the United States Metals Refining Co.

Edward Skalka gives his address as 271 East 34th Street, Brooklyn, New York.

Albert J. Higgins is an Assistant Engineer with the National Lead Company in Magnet Cove, Ark. His home address is 632 Pine Bluff Street, Malvern, Arkansas.

Karl H. DelPorte notifies us that his new address is 337 East 3rd Street, Hinsdale, Illinois.

Vernon S. Severtson is employed by the Eimco Corp., Salt Lake City, Utah. His mailing address is 206 S. Cedar Street, Rolla, Missouri.

Wm. B. Heisler is employed by the Missouri Pacific RR in the Engineer of Test Dept. at St. Louis. Mr. Heisler's mailing address is 5330 Delmar Blvd., Apt. B-1, St. Louis 12, Missouri.

Reid E. Iversen is with the Goodyear Synthetic Rubber Corp. in Akron. His home address is 5379 So. Island Drive, Canton 9, Ohio. O.

Delmo L. Brugioni works for the Caterpillar Tractor Company. He

Alumni Personals

resides at 1102 E. Republic, Peoria Illinois.

George Colville III gives his home address as 609 North 5th Street, Paris, Arkansas. George works for the F. H. McGraw Company in Paducah, Kentucky.

Clarence Tunncliff works in the Test Department of Moloney Electric. He resides at 4539a Flora, St. Louis, Missouri.

Franklin Q. Packheiser is with the Monsanto Chemical Company in Springfield, Massachusetts. Franklin is living at 372 Union Street, Springfield, Mass.

Robert D. Rowe of Savannah, Missouri, Rt. 1, is working with the Inter-American Geodetic Survey, Balboa Heights, Canal Zone, Panama, Box 2031.

John F. Strong, who is an Engineer with the Ohio State Highway Department, informs us his mailing address has changed to 222 Royan Avenue, Sidney, Ohio.

Robert E. Starke is in the Engineering Department of Aurora Pump Company and is living at 115 N. Evanslawn Avenue, Aurora, Illinois.

Harold R. Wright can be reached at Box 382 Climax, Colorado. He is a Mining Engineer with the Climax Molybdenum Company.

Joseph W. Miller's home address is 231 Midway Avenue, Kirkwood 22, Mo. He is working for the St. Louis County Health Department.

William Passarelli of 120 Concord Place, Syracuse, New York, is employed by the General Electric Company.

John J. Ketz is a Coal Mine Engineer. He will receive his mail at Box 105, Keystone, W. Va.

Robert F. Gurnea is with the Ammunition Research Development Department of the Western Cartridge Company. His mailing address is 25 Fourth Street, East Alton, Illinois.

David C. Grimm is with the St. Louis Plant of General Cable Corporation. Davis is living at 5820 Alabama, St. Louis 11, Missouri.

Donald C. Griffin is now living at 212a Wood Ridge St., Wood Ridge, New Jersey. Don is a Sales Engineer for a newly formed company, Mitronics, Inc., in Newark, New Jersey.

George L. Gimbrone gives his home address as 497 Porter, Buf-

falo 1, New York. George is a Test Engineer at Worthington Corporation.

Orvin K. George is now living at Bell City, Missouri. He is employed by the H. C. Price Co.

Raymond W. Davis can be reached c/o Allis Chalmers Mfg. Co., Room 510, Gas & Electric Building, Rockford, Illinois. He is employed as a Sales Engineer.

Byron Edward Curry is with the Atomic Section of Babcock & Wilcox Company. He is residing at 600 W. Hopocan, Barberton, Ohio.

August V. Castelli was a campus visitor on May 19. He had just returned from a tour of duty in the Armed Forces, and has accepted a job with the National Lead Company at Potosi, Mo. His best mailing address is National Lead Company, P. O. Box 218, Potosi, Missouri.

Stuart S. Brown has notified us that his home address is now 1077 Greentree Road, Pittsburgh 20, Pennsylvania.

Carl M. Knowles informs us his mailing address is 405 West 23rd Street, London Terrace Towers, New York 11, New York.

Frank W. Ries, who works for the Stone & Webster Engineering Corporation, lives at 607 St. Anthony Avenue, Effingham, Illinois.

Robert L. Lucker is employed with the Missouri Pacific Railroad in their Testing Department at St. Louis. His best mailing address is 722 Edwardsville Road, Wood River, Illinois.

Lloyd B. Phillips is now employed by Metcalf, Eddy, Alfred Hopkins, and Associates at 334 Boylston Street, Boston 16, Massachusetts, and is stationed at Thule, Greenland. His home address is Box 164, Pilot Knob, Missouri.

John F. Stephens is with the Briner Electric Company, and is living at 1122 Dougherty Ferry Road, Kirkwood 22, Missouri.

Mark A. Weber, who resides at P. O. Box 261, Beatrice, Nebraska, has business connections with the Platte Pipe Line Company, Kansas City, Missouri, as the Eastern District Engineer.

Thomas H. Weidman of the H. D. Youngman Contracting, Inc., is now living at 216 East 9th Street, Baxter Springs, Kansas.

Carl E. Zerweck, Jr., gives his mailing address as the CAA, City Hall Bldg., Kansas City, Mo. His residential address is 1016 Locust, Kansas City, Missouri.

Gerald G. Brun is employed with the United Clay Mines Corporation at Gleason, Tennessee. His home address is Dresden, Tennessee.

S. R. Scales and family arrived from Houston, Texas on June 27th to visit here for two weeks in Rolla with Mrs. Scales sister.

Paul F. Carroll is now in the U. S. Army stationed in Korea. His wife and children are making their home at 603 Walnut, Rolla, Missouri, during his absence. His military address is 1st Lt. Paul F. Carroll, 9060509, 428th W/S Company, APO 59, c/o PM, San Francisco, California.

Lovell J. Lukrofka has been appointed Superintendent of Distribution with the Missouri Water Company at Independence, Missouri. His home address is 307 North Union, Independence, Mo.

R. D. Boedy is with the Bituminous Casualty Corporation. He resides at 2912 W. 74th St., Kansas City, Missouri.

Wm. G. Haymes is with the U. S. Army at White Sands Proving Ground, New Mexico and is working on Rocket Propulsion. His best address is Apt. 7, 1200 E. Montana St., El Paso, Texas.

Charles O. Kunz is a Process Engineer with Western Brass Mills, in East Alton, Illinois. His home address is 2748 Utah Street, St. Louis, Missouri.

Jack Paul Brown visited the campus on May 18. His home address for the next few months will be 3851 Dunnica, St. Louis, Missouri.

Richard Murray is now a PFC in the US Army. His address is PFC Richard Murray, US 55203154, U. S. Army Hospital, Camp Gordon, Georgia.

Donald G. Zimmerman lives at 348 Tenth, Woodriver, Illinois. He is employed by Owens Illinois Glass Company.

August J. Vogler, Jr., is a 2nd Lt. in the U. S. Army and his mailing address is 4923 South Broadway, St. Louis, Missouri.

Robert Patten, 551 East Broad Street, Gainesville, Georgia, has been promoted to General Manager of the Wallis Supply Company.

Donald E. Spackler is a Sales Engineer of Maloney Electric Company and is residing at 1432 Pine-tree Lane, Webster Groves, Missouri.

Earl D. Campbell lives at 622 Ridgelea Drive, Big Springs, Texas. Earl is working for the Cactus

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Paint Mfg. Company.

Raymond Druss is now living at 4932 Miami, St. Louis, Missouri.

Paul E. Green will receive his mail at Hughes Tool Company, Box 1430, Midland, Texas.

W. E. Bach, Jr. is now living at 2709 Cypress Way, Cincinnati 12, Ohio.

Dan Dickinson gives his residential address as 6611 West 80th Terrace, Overland Park, Kansas.

Robert Joe Cronk is with the Illinois State Geological Survey. His home address is 305 Hill Street, Galena, Illinois.

Richard E. Davis is now living at 2021 Wentworth, Houston, Texas. He is employed with the Abel Supply Company.

Milton R. Skinner, Jr. is living at 200 W. Main, Richmond, Missouri. He is working for the Southwestern Bell Telephone Company.

John E. Jadwick is a Field Engineer with the B. F. Goodrich Company. His residential address is 11434 Broadmoor Drive, Dallas, Texas.

Beryl B. Corrie is now living at 1934 17th Street, Bakersfield, California.

Necati Kanatsiz is a Reserve Officer in the Turkish Army and can be reached if written to at Koca M. Pasa Cad. No. 278, Samatya, Istanbul, Turkey.

Enrique Heller is with the Cerro de Pasco Corporation, La Oroya, Peru. His home address is Av. 2 de Mayo 161, Orrantia, Lima, Peru.

Eldon Lindimore is with Lutz & May in Kansas City, Missouri. He resides at 7115 Lamar, Overland Park, Kansas.

Hal J. Smith can be reached at 1101 Haynes Avenue, Ft. Worth, Texas. Hal is employed by the Chance Vought Aircraft in Grand Prairie, Texas.

Robert N. Schmidt is an Assistant General Foreman at the B&B-WS Frisco Ry. Company. He is living at 1930 E. Bennett, Springfield, Missouri.

Kenneth H. Yochum, who is employed by the Phillips Petroleum Company in Bartlesville, Oklahoma, lives at 901 East 8th Street, Dewey, Oklahoma.

Richard N. Harrison's home address is Box 1, Franklin Furnace, Ohio. Richard is working for Peter

Hiewit & Sons, Portsmouth, Ohio as a Resident Engineer.

Robert C. Slusher will receive his mail at Box 56, Easton, Louisiana. He is working with the Pan American Production Company.

George W. Mabie can be reached at Box 7362 Area "B", Wright Air Development Center, Wright-Patterson Air Force Base, Ohio. He is a weapons system engineer in the Bombardment Branch.

Robert Charles Porter is a Senior Experimental Engineer with White-Rodgers Electric Company in St. Louis. His home address is 1101 Pike Street St. Charles, Missouri.

Edward L. Mabie, who lives at 701 Charbonier Road Florissant, Missouri, is working with the McDonnell Aircraft Corporation.

P. C. Chen states that he is with the American Wheelabrator and Equipment Corporation in Mishawaka, Indiana. His home address is 211 Columbia, Mishawaka.

1951

Thomas R. Salisbury will receive his mail at Av. Palomas 46, Lomas de Sotelo, Zona 10, Mexico, D. F. He is working for the Seismograph Service Corporation of Mexico, Av. Juarez No. 95-207, Mexico 1, D. F.

John W. Cunningham gives his military address as PFC J. W. Cunningham, Hq. & Hq. Det. (7405 AU), Post of Corozal, Canal Zone. John expects to be released from service soon.

Chester K. Hughes informs us that his address has changed to 631 E. 5th Street, Duluth, Minnesota.

William R. Grifin is now living at 2352 Montrose Avenue, California.

Thomas Eugene Smith gives his mailing address as 8306 14th Avenue, Hyattsville, Maryland. He is with the Naval Ordnance Laboratory in White Oak, Maryland.

Frank Owens and Mrs. Owens and their daughters from Alton, Illinois arrived here the week of the 13th of July to visit Mrs. Owens' mother, Mrs. Dorothy Van Sciver at 711 East 5th Street, Rolla, Missouri.

J. N. Koch and family arrived here July 18th from Dallas, Texas to spend their two weeks vacation visiting with Mrs. Koch's parents, Mr. & Mrs. P. V. Carson at 1019 W. 14th St., Rolla.

Raymond M. Kline states that he is now living at 5727 Floy Avenue, St. Louis 20, Missouri.

LaVerne F. Cook can be reached at Cuba City, Wisconsin. LaVerne is with the Wisconsin State Highway Commission as a Civil Engineer.

Michael F. Summers works for the Ferro Corporation in the Ceramic Art Supplies Division, 214 Northfield Road in Bedford, Ohio. Mike gives his home address as 5495 Clement St., Maple Heights, Cleveland, Ohio.

Jean Lawrence Meyer is with the Department of the Navy, Bureau of Ships, in Washington, D. C. He writes that his new address is 5014 H. Street, SE, Washington 19, D. C., Apt. 103.

Warren D. Roach gives his military address as Lt. W. D. Roach, 02102476, 64th Engineer Base, Top. Bn., APO 500, co PM, San Francisco, California. Warren is stationed in Tokio, Japan.

John F. Winters is with the St. Joseph Lead Company and is living at 114 8th Street in Monaca, Pennsylvania.

Wm. B. Plummer works for Carbide & Carbon Chemical Company. He gives his home address as 121 W. Vanderbilt Drive, Oak Ridge, Tennessee.

Homer E. Steuck states that he has moved to 644 E. B. Avenue, Glendale, Arizona.

Orville C. Young is a Private in the US Army. His military address is Pvt. Orville C. Young, US 55299833, S.C.E.L. Dev. Det., Ft. Monmouth, New Jersey. His home address is Farmington, Mo.

Leon F. Woodlock writes that he is living at 412 So. 4th St., Amory, Miss.

Earl R. Brunkhorst is with RCA-Victor Division, in Camden, N. J. His home address is West Collingswood, N. J.

Kenneth Laumand is now a Lt. in the US Army. His mailing address is 4246 S. E. Salmon, Apt D. Portland, Oregon.

Robert P. Wenzell states that he will receive his mail at P.O. Box 154, Eagle Mountain, Cal. Bob is with Kaiser Steel Company.

Hulon D. McDaniel is in the US Army stationed at Ft. Belvoir, Va. His mailing address is 2730 Richmond Highway, Alexandria, Va.

John E. Roschke has moved to 5234 Neosho, St. Louis, Mo.

George L. Knight, Jr., will receive his mail c/o Lynchburg Foundry Company, Lower Basin, Lynchburg, Va. His home address

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is 330 Buena Vista, Lynchburg, Virginia.

Tom Welton, Jr. is living at 801 Avenue B., Sterling, Ill. Tom is employed with the General Electric Company in Morrison, Ill.

Richard Steve Gabrielse can be reached if written to c/o The Silvis Company, P. O. Box 501, Sheboygan, Wis.

James G. Roberts is living at 913 W. Court Street, Paragould, Arkansas. He is with A. S. Schulman, Electric Contractor in Paducah, Kentucky.

Walter O. Pearson is in the US Army until October 1, 1953. His present mailing address is 2566 State Street, Granite City, Ill.

Mario R. Trieste is living at 1324a Clifton Avenue, Clifton, N. J. Mario is with the Texas Company in N. Y.

Gene J. Hawker notifies us that his address has changed to 1702 Brown Ave., Rockford, Ill.

Walter L. McLuckie has moved to 928 Broadway, Kansas City, Mo.

Wallace Short is with the California Institute of Technology in Pasadena, Cal.

Robert E. Dieckgrafe gives his military address as Pvt. R. E. Dieckgrafe, US 54128825, Co. A. 87th Inf. Regt., 10th Inf. Div., Ft. Riley, Kansas. He will receive his mail at 6728 Roberts Avenue, St. Louis 14, Mo.

Jack N. Koch lives at 1918 Crest Ridge Drive, Dallas, Texas. Jack is employed at the General Refractories Company in Philadelphia, Pa.

Charles A. Jekel, Jr. is now living at 724 Dover Place, St. Louis. He is with the Faczoly Mutual Engineering Division in the Continental Building.

William Richard Jones is a Lt. in the US Air Force, and his mailing address is 1619 Frederick Street, East St. Louis, Ill.

William E. Horst resides at 128 North Rockhill Road, Webster Groves, Mo. He is a 2nd Lt. in the US Army at Granite City, Ill.

Eugene E. Light's home address is 45 Meadowbrook, Maryville, Tenn. He is with the Tennessee Valley Authority, Knoxville, Tenn.

Grover Curtis Payne can be reached at 1115 S. Main, Ft. Scott, Kansas. He is with the St. Louis-

San Francisco Railroad.

William W. Fairchild is a 1st Lt. in the US Army. He gives his mailing address as 214 Claremont, Cranford, N. J.

J. K. Elbaum is in the Research Department of Haynes Stellite Division of Union Carbide & Carbon Corporation. His residential address is 900 North Main St., Kokomo, Indiana.

Robert D. Heetfield informs us that he is now at 1407 E. Copper, Albuquerque, New Mexico. Robert is in the US Air Force.

E. Donald Schrader is with the Goodyear Tire & Rubber Co. His mailing address is 1115 East Avenue, Akron, Ohio.

Bob Earl Daugherty is a 2nd Lt. in the US Air Force stationed at Scott Air Force Base, Ill. His address is Steuben, Wis.

Donald R. Smith is a Seminarian for the Priesthood at St. Bernard's Seminary, Dubuque, Iowa. Don gives his home address as Box 71, Livermore, Iowa.

Robert L. Bloome is living at 1222 S. Jefferson, Muncie, Indiana. He is working for the Ball Bros. Company, Inc.

Forest R. Peterson is living at Hamilton, Mo., Box 213. He is with the Missouri State Highway Dept., Div. 1, St. Joseph, Mo.

Robert N. Mellott gives his residential address as 1536 Midland, Syracuse, N. Y. Robert is now working for the General Electric Company, Room 5, Bldg. 15, Electronics Park, Syracuse, N. Y.

Marvin J. Norton is in the US Army and his mailing address is 104 E. 3rd St., Hartford, Ill.

John Robert Neely is with UCLA, Los Angeles, Cal. His residential address is 507 Landfair, Los Angeles 24, Cal.

Richard A. Yeakby lives at 900 N. 26th St., Paducah, Ky. He is employed with the Carbide and Carbon Chemical Co.

Robert F. Burke is a Captain in the US Air Force stationed for a three year assignment in Germany. His mailing address is 7499 Comp. Sq., APO 633, New York, N.Y.

James C. Basham resides at 1027 Master Drive, Decatur, Indiana. He is with the Central Soya Company.

Newton H. Kaplan notifies us that he is in the US Army and will be discharged sometime this fall. He can be reached if written to at 58 Belvedere Ave., Albany 3, N. Y.

Richard W. Ladd gives his resi-

dential address as 218 Newman St., Metuchen, N. J. Richard is in the Gen. Chem. Div. of Allied Chem. & Dye Corp., 40 Rector St., New York 6, N. Y.

Robert Lee Land's home address is 457 Van Buren, Gary, Indiana. He is at present employed with the U.S. Steel Company.

Louis P. Lesniak, Jr. is with the Illinois Division of Highways, 164 DuPage St., Elgin, Ill. His present mailing address is 159 N. Liberty, Elgin, Ill.

David D. Parrish will receive his mail at 3220 Rodger, Granite City, Ill. He is with the US Corps of Engineers, Upper Mississippi Valley Division, 901 Washington, St. Louis, Mo.

Richard A. Thurston is with the Corn Prod. Refining Co. in Argo, Ill. Richard is residing at 82 Ash Street, Park Forest, Ill.

Robert L. Terry is living at 1205 Charles St., Rockford, Ill. He is working for the Barber-Colman Co. as a Small Tool Engineer.

Ross F. Crow will receive his mail at 330 Dravo Avenue, Beaver, Pa. He is a Prod. Supv. at Koppers Company in Kobuta, Pa.

Gerald M. Wilson has been in the Marine Corp for the last two years, but will be discharged on Sept. 1, 1953. His present address is as follows: 1st Lt. Gerald M. Wilson, 055143, "C" Co., 3rd Shore Party Bn., FMF, Camp Pendleton, Calif.

Robebrt Zinke is with the Honolulu Oil Corp., Box 1391, Midland, Texas. His best mailing address is 1507 N. Weatherford, Midland, Texas.

Donald J. Taylor of 249 Jefferson, Valley Park, Mo, is employed by the General Fibre Co. of St. Louis.

James P. Tarwater was a campus visitor on May 18th. James is working for the Haynes Stellite Company and resides at 725 S. Lindsey, Kokomo, Indiana.

John R. Quick is in the US Army and his best mailing address is 6615 Sacramento, St. Louis, Mo.

Robert E. Schuchardt of 4123 Davis St., St. Louis, Mo., is working for the American Steel Foundry, 2039 E. Broadway in E. St. Louis, Ill.

Dee R. Gehrig is an Engineer with the Illinois Bell Telephone Co. at Chicago. He gives his address as 146 Poplar, Elmhurst, Ill.

Herman A. Fritschen, Jr., who is in the US Army, gives his best mailing address as 8729 Granada

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Pl., Jennings 21, Mo. Herman will be discharged from service in September.

Sante J. Doria resides at 725 Oakland, Quincy Ill. He is working for Gates Radio Co.

Don Vernon Roloff works for the Laclede Christy Company and is living at 206 N. Fillmore, Kirkwood 22, Mo.

George Young, III, is an Ensign in the US Navy stationed at the present at Glenview, Ill. His mailing address is 6240 Hoffman, St. Louis, Mo.

Rex E. Greer is a Staff Engineer with the Phillips Pipe Line Co. He gives his address as 818 Shawnee, Bartlesville, Okla.

Dwight M. Teagarden resides at 3506 St. Louis, St. Louis 6, Mo. Dwight is with the Carter Carburetor Company.

Henry C. Harris is an Assistant Plant Engineer with Westvaco Chem. Div. and is living at 1110 Vermont, Lawrence, Kansas.

Theodore H. Gosen, Jr. lives at 2734 Yearling St., Long Beach 11, Calif. He is a Chemist at the Richfield Oil Corp. in Wilmington, Calif.

Neal B. Dowling is with the US Army. Neal will be discharged August 15th. His mailing address then will be 5426 Cologne, St. Louis 16, Mo.

Melvin E. King is a Jr. Process Engineer with Koppers Co., Inc. He is residing at 1047 Walnut, Monaca, Pa.

M. H. Beaver has notified us of his change of address to P.O. Box 83, Mamou, Louisiana. He is working as a Petroleum Engineer with Magnolia Petroleum Company.

Lee M. Wehmeier gives his home address as 8915 St. Charles Rock Road, St. Johns, Mo. He has business connections with the McDonnell Aircraft Corporation as an Aircraft Engineer.

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Turner W. Richards gives his home address as 1536 15th Avenue, S.W., Ft. Dodge, Iowa.

Ward B. Wahl is now living at 1535 Parr St., Greensburg, Pa. Ward is an Application Engineer with Elliott Company, Jeannette, Pa.

Eugene M. Laubach is with the Bailey Meter Co., 1050 Ivanhoe Road, Cleveland. His best mailing

address is 1743 Catalpa, Cleveland 12, Ohio.

Howard W. Westerman is in the US Army and will be discharged about the first of 1954. He gives his military address as PFC Howard W. Westerman, US 55220916, 9710 TSU Cml. C. Det. No. 1, Army Chemical Center, Maryland. His best mailing address is c/o Walter J. C. Westerman, Wellington, Mo.

C. Kipp Ferns was a campus visitor on July 22. Kipp's home address is 624 Salem Avenue, Rolla, Mo. Kipp is now entering military service.

Gunther T. Jensen lives at 167 North 14th St., E. Orange, New Jersey. Gunther is working as a Development Engineer with the General Electric Company.

Joe L. March lives at 8 Hillaire Place, Nanuet, N. Y. Joe is a Project Engineer with the American Brake Shoe Company in Mahwah, N. J.

Robert E. Flore is an Operations Officer in the U.S. Army. His military address is 2nd Lt. Robert E. Flore, 02104244, Co. B., 809th EAB, APO, c/o pm, San Francisco, Calif.

Wiley T. Ruhl gives his home address as 55 Washington Street, Red Bank, N. J. His military address is W. T. Ruhl, US 55308604, SCEL Dev. Det., 9403 TSU, Signal Corps Eng. Labs., Ft. Monmouth, New Jersey.

Walter Unger's home address is 321 N. Jackson, Apt. B., Butte, Montana.

Robert W. Arfman's home mailing address is 6317 Nimitz Dr., Indianapolis 18, Indiana.

Chester L. Williams gives his mailing address as 4264a Russell Blvd., St. Louis, Mo.

Edward L. Roster notifies us that his mailing address is Petrolia, Penn. He is employed with the Koppers Company, Inc., as a Cadet Engineer.

Charles M. Heimbach was a campus visitor here on May 21st.

Arthur S. Wong is living at 4503 New Utrecht Avenue, Brooklyn 19, N. Y.

Tom L. Scheffler is a Test Engineer with General Electric. Tom's home address is 21 Overlook Road, Pittsfield, Mass.

Kenneth L. Carmer is with the Caterpillar Tractor Company. He will receive his mail at 320 W. Republic, Peoria, Ill.

William B. Guinn can be reached at 481 Fieldcrest Drive, Pittsburg,

Kansas. He is employed by the W. S. Dickey Clay Mfg. Co., General Research Lab.

Richard M. Bosse is a 2nd Lt. in the USAF at Engineering Agency, Army Chemical Center, Maryland. He will receive all his mail at 38 So. Barat Avenue, Ferguson 21, Mo.

Ray F. Rafferty has notified us that his mailing address is 407 Henry, Alton, Ill.

Peter J. Lucido can be reached at 1569 Forest, Highland Park, Ill.

Joseph Varanouskas is with the Drake Merritt Const. Company. His address is APO 677, c/o PM, New York, N. Y.

Gregory Menke gives his address as 8342 Parton, Chicago 17, Ill.

W. R. Tankersly will receive his mail at 546 Sezlar, New Orleans, La.

R. T. Henslee was a campus visitor May 22nd. He is an Engineer with the State Cons. Comm. He will receive his mail at 811 Adams St., Jefferson City, Mo.

Raymond P. Heilich's military address is Lt. Raymond P. Heilich, 01861979 C.E., 538th Engr. Field Mtse. Co., APO 301, c/o Postmaster, San Francisco, Calif.

Harry L. Dent can be reached at 11409 Church Road, St. Louis County, Mo.

William M. Pulford gives his military address as Pvt. William M. Pulford, US 55333835, Hdq. Btry., 3rd G.M. Bn., 2nd G.M. Gp. (SSM), Ft. Bliss, Texas.

Richard Dean Goul is working for Gen. Geophysical Co., 2169 Hibernia Ave., New Orleans, La. His home address is 2511½a Myrtle Street, New Orleans 22, La.

Donald E. Cole is a Chief Engineer with Southwest Manganese. He lives at 409 S. Lead, Deming, New Mexico.

Richard H. Bauer gives his address as 2nd Lt. R. H. Bauer, 9710 TSU, Tech. Escort Det., Army Chem. Center, Maryland. His home address is 6233 Arsenal St., St. Louis, Mo.

James R. Borberg gives his address as B.O.Q. Rm. 215, USNABD, Pt. Hueneme, Calif. James is an Ensign in the Civil Engineer Corps of the US Navy.

Air Force Lt. Carl J. Danzer, St. Louis fighter pilot now flying an F-86 Sabre jet in Korea, has just received an oak leaf cluster to the Air Medal for meritorious achievement in aerial combat, it

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was announced on June 1, 1953. Lt. Danzer is the son of Mr. & Mrs. Carl M. Danzer of 6027 Eitman Avenue, St. Louis, Mo. He has been a member of the Fourth Fighter Interceptor Wing at an Advanced Fifth Air Force Base in Korea since 1952.

Second Lt. Rolla S. Lush of Omaha, Neb, who recently arrived in Korea from the U. S., has been assigned as a company officer with the 73rd Engineer Combat Battalion. Lt. Lush, whose wife, Gloria, lives at 5108 Bedford Avenue, Omaha, was formerly employed by the Gate City Steel Works, Omaha. Rolla entered the Army in May 1952.

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Henry M. Cole is now living at 3135 E. 7th Street, Joplin, Mo. Henry is a Civil Engineer with the Missouri State Highway Department.

James F. Zapp notifies us that he has moved to 737 Popular Drive, Radio City Trailer Court, Odessa, Texas.

E. F. Tuck states that his address has changed to 1621 So. Webster, Kokomo, Indiana. He is an Engineer with the Delco Radio Corporation.

Donald E. Proctor is employed by the Cessna Aircraft Co. of Wichita, Kansas. His mailing address is 830 S. Crestway, Wichita, Kansas.

Mcichael C. Robel is now living at 1522 Tijeras, N.E., Apt. 7, Albuquerque, New Mexico. He is a

Staff Member at Sandia Corporation.

G. F. Sinnamon notifies us that he is with the Bendix Research Labs., Naval Air Missile Test Center, Pt. Mugu, California. His home address is 24 Solimar Drive, Ventura, Calif.

William G. Meyers is living at Apt. A2 440 Queen Lane, Philadelphia 44, Pa.

Arthur Baumgardner writes that his new address is 430 Columbus, Houma, La.

George F. McCormick gives his mailing address as Fiers Trailer Park, Rt. 2, By-Pass 52, Lafayette, Indiana.

Aydin Cansever is now living at 305 Memorial Drive, Graduate House, Room 107, Massachusetts Institute of Technology, Cambridge 39, Mass.

A. M. Brown will receive his mail at 2141 Murrell Rd., Lynchburg, Va.

Harry J. Schiermeyer is now a Lt. in the Corps of Engineers stationed at the present at Ft. Belvoir, Va. His permanent address is 219 McKinley Avenue, Edwardsville, Ill.

Milan Lipensky is now with Bethlehem Steel Company of Pennsylvania. His home address is c/o Mrs. Miller, 228 E. Market St., Bethlehem, Pa.

Ralph W. Carl is a recent addition to the staff of the research department of Standard Oil Company (Indiana) at Whiting, Indiana. Ralph is a member of the American Institute of Chemical Engineers. His home address is Boonville, Mo.

Lawrence L. Rosine, has joined the staff of Midwest Research Institute as an Associate Physicist.

MSM ALUMNI ASSOCIATION

ROLLA,

MISSOURI

TO

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